	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS AND MINING  AMENDED REPORT  DIVISION OF OIL, GAS AND MINING											
			APPLICATIO	N FOR	PERMIT TO DRILL			1. WELL NAME and NUMBER FD 9-10-3-2				
2. TYPE (	OF WORK	DRILL NEW WE	ELI 📵 REE	NTER P&	A WELL DEEPEN W	VELL (		3. FIELD OR WILDCA	T WILDC	AT		
4. TYPE (	OF WELL	J. W.E. T. E. T. T.	Oil Well		ed Methane Well: NO			5. UNIT or COMMUNI			NT NAM	E
6. NAME	OF OPERATO	R			TT CORP			7. OPERATOR PHONE	303 312-	9164		
8. ADDRE	SS OF OPERA				0, Denver, CO, 80202			9. OPERATOR E-MAI			nm.	
	RAL LEASE NU	IMBER	1000 10111 01100	1 010 200	11. MINERAL OWNERSH			12. SURFACE OWNER	SHIP			
		Fee E OWNER (if box	12 = 'fee')		FEDERAL INDIA	AN () STATE (_	) FEE 🖲	FEDERAL IN  14. SURFACE OWNER	DIAN ()	STATE (		E (D)
		FACE OWNER (if I		Lever,	LTD			16. SURFACE OWNE	419-666-	8442		
			29900	St. Andr	ews Road, ,						,	
	N ALLOTTEE 2 = 'INDIAN')	OR TRIBE NAME			18. INTEND TO COMMIN		FROM	19. SLANT				
<u> </u>					YES (Submit Co	mmingling Application	on) NO 📵	VERTICAL DI	RECTIONAL	( ) но	ORIZONT	AL 🔵
20. LOC	ATION OF WE	LL		FC	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RAN	IGE	МЕ	RIDIAN
LOCATI	ON AT SURFA	CE		1980 F	SL 663 FEL	NESE	10	3.0 S	2.0 E U		U	
Top of I	Uppermost Pro	oducing Zone		1980 F	SL 663 FEL	NESE	10	3.0 S	2.0 E			U
At Tota				1980 F	SL 663 FEL	NESE	10	3.0 S	3.0 S 2.0 E			U
21. COU	NTY	UINTAH			22. DISTANCE TO NEAR	EST LEASE LINE (Fe	eet)	23. NUMBER OF ACR	ES IN DRILI 40	LING UNIT	ING UNIT	
					25. DISTANCE TO NEAR (Applied For Drilling or		POOL	26. PROPOSED DEPT		VD: 9415		
27. ELEV	ATION - GROU	JND LEVEL 4855			28. BOND NUMBER  LPM4138148				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336			
					Hole, Casing,	and Cement Info	rmation					
String	Hole Size	Casing Size	Length	Weigh	Grade & Thread	Max Mud Wt.		Cement		Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8		No Used 0		0	0.0	0.0
Surf	12.25	9.625	0 - 1500	36.0	J-55 ST&C	8.8	Hallibur	on Light, Type Unkr	nown	190	3.16	11.0
							Halliburto	n Premium , Type Un	known	210	1.36	14.8
Prod	8.75	5.5	0 - 9415	17.0	P-110 LT&C	9.5		Unknown		1000	2.31	11.0
								Unknown		630	1.42	13.5
					АТ	TACHMENTS						
	VE	RIFY THE FOL	LOWING ARE	ATTAC	CHED IN ACCORDANC	E WITH THE UTA	H OIL AND GA	S CONSERVATION G	SENERAL	RULES		
<b>I</b> ✓ v	VELL PLAT OR	MAP PREPARED I	BY LICENSED S	URVEYO	R OR ENGINEER	СОМІ	PLETE DRILLING	PLAN				
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				FORM	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)  TOPOGRAPHICAL MAP												
NAME Venessa Langmacher TITL				LE Senior Permit Analyst PHONE 303		03 312-8172						
SIGNATURE				TE 05/24/2012 EMAIL vlang			ngmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43047527630000				ROVAL		R	00.an					
							(I) M	a Marie				

## BILL BARRETT CORPORATION <u>DRILLING PLAN</u>

## FD 9-10-3-2

Lot 2 (NE SE), 1980' FSL and 663' FEL, Section 10, T3S-R2E, USB&M Uintah County, Utah

## 1 - 2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

<b>Formation</b>	<u>Depth – MD</u>	Depth - TVD
Lower Green River*	6,690'	6,690'
Douglas Creek	6,760'	6,760'
Black Shale	7,575'	7,575'
Castle Peak	7,640'	7,640'
Wasatch*	8,555'	8,555'
TD	9,415'	9,415'

<sup>\*</sup>PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Useable Water = 1,980'

### 3. BOP and Pressure Containment Data

Depth Intervals BOP Equipment			
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)		
1,500' – TD	11" 5000# Ram Type BOP		
	11" 5000# Annular BOP		
- Drilling spool to a	accommodate choke and kill lines;		
- Ancillary equipme	- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in		
accordance with the	accordance with the requirements of onshore Order No. 2;		
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in			
advance of all BOP pressure tests.			
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up			
To operate most efficiently in this manner.			

## 4. <u>Casing Program</u>

<b>Hole Size</b>	SETTING	DEPTH	Casing	Casing	Casing		
	(FROM)	<u>(TO)</u>	<u>Size</u>	<b>Weight</b>	<u>Grade</u>	<b>Thread</b>	Condition
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 ½"	17#	P-110	LT&C	New

<sup>\*</sup>The casing program is based on recent wells drilled by Axia in the immediate area.

Note: 9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust

Bill Barrett Corporation Drilling Program FD 9-10-3-2 Uintah County, Utah

- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

## 5. <u>Cementing Program</u>

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 sx Halliburton Light Premium with additives
	mixed at 11.0 ppg (yield = $3.16 \text{ ft}^3/\text{sx}$ ) circulated to surface
(may pre-set with spudder rig)	with 75% excess. TOC @ Surface
	Tail: 210 sx Halliburton Premium Plus cement with
	additives mixed at 14.8 ppg (yield = $1.36 \text{ ft}^3/\text{sx}$ ), calculated
	hole volume with 75% excess. TOC @ 1,000'
5 ½" Production Casing	Lead: 1000 sx Tuned Light cement with additives mixed at
	11.0 ppg (yield = $2.31 \text{ ft}^3/\text{sx}$ ). TOC @ 1,000'
	Tail: 630 sx Halliburton Econocem cement with additives
	mixed at 13.5 ppg (yield = $1.42 \text{ ft}^3/\text{sx}$ ). Top of cement to
	be determined by log and sample evaluation; estimated TOC
	@ 7,075'

### 6. <u>Mud Program</u>

	<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	Fluid Loss (API filtrate)	<u>Remarks</u>
ĺ	0' - 1,500'	Air/Mist/Mud	26 - 36	NC	Air/Mist/Freshwater Spud Mud
		8.3 - 8.7			Fluid System
	1,500'- 5,500'	9.2 - 9.4	26 - 36	NC	Freshwater Mud Fluid System
ĺ	5,500' – TD	9.4 –9.5	42-58	25 cc or less	DAP Fluid System

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

## 7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).
	FMI & Sonic Scanner to be run at geologist's discretion.

Bill Barrett Corporation Drilling Program FD 9-10-3-2 Uintah County, Utah

## 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4699 psi\* and maximum anticipated surface pressure equals approximately 2628 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

## 9. <u>Auxiliary Equipment</u>

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use Mud monitoring will be visually observed

## 10. <u>Location and Type of Water Supply</u>

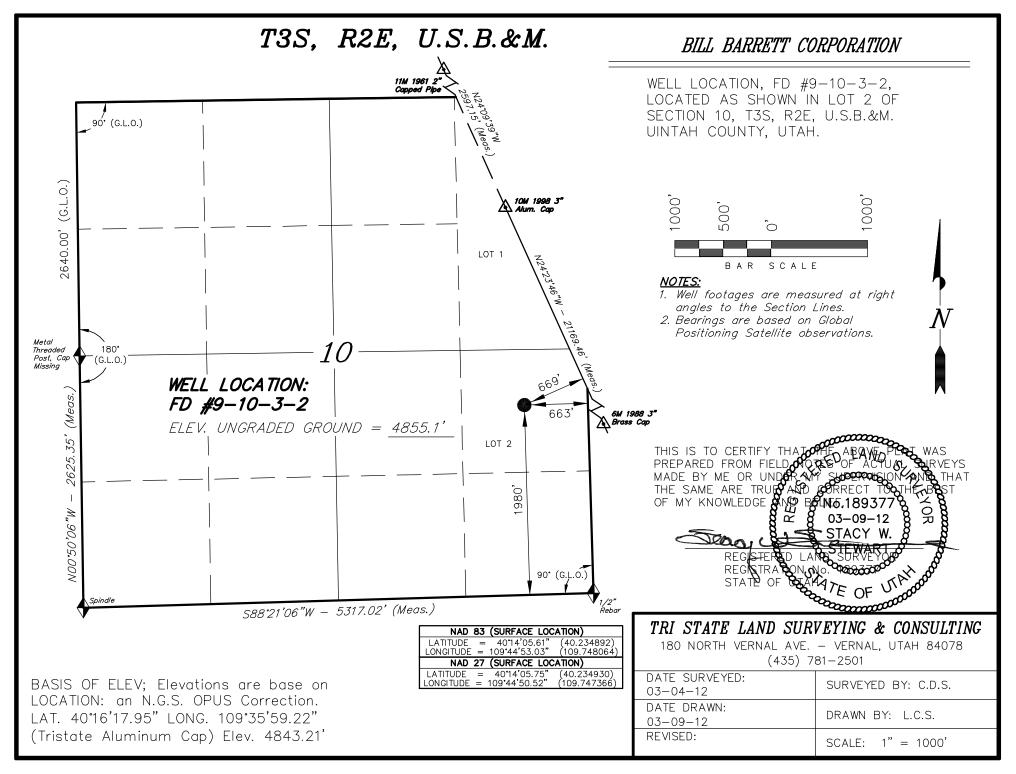
Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

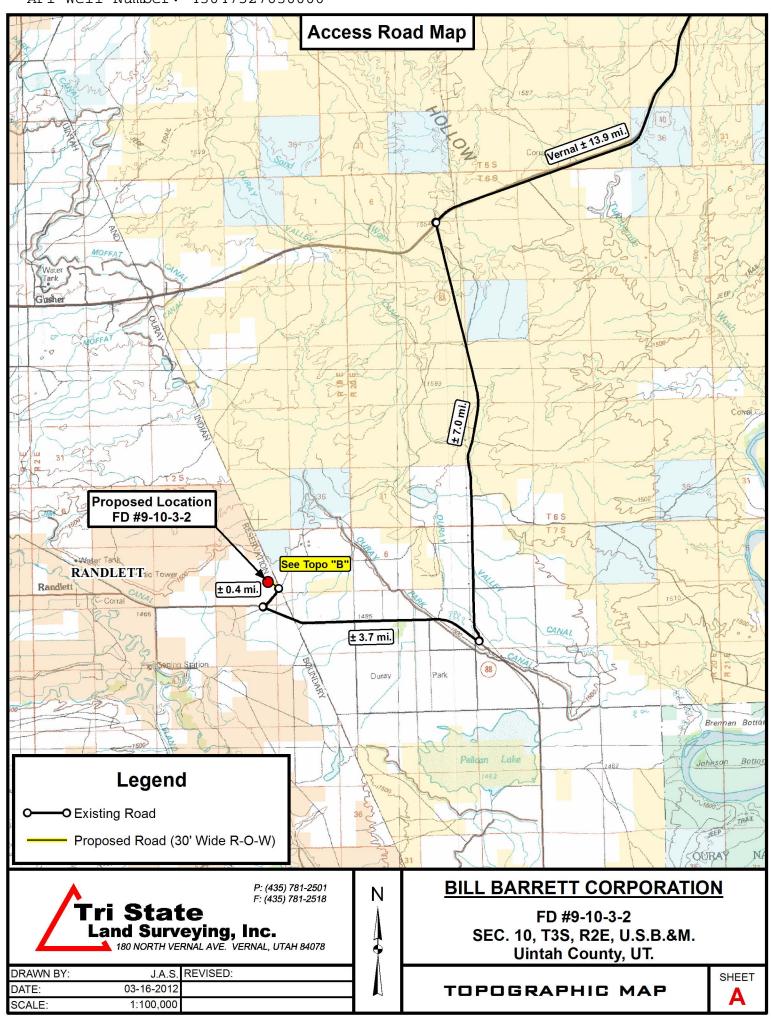
## 11. <u>Drilling Schedule</u>

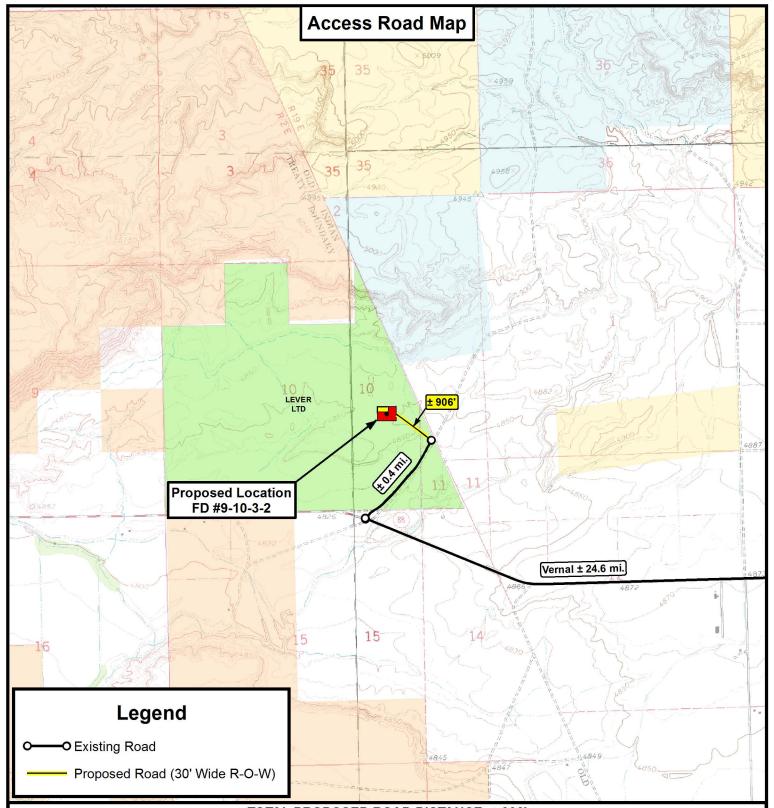
Location Construction: January 2013
Spud: January 2013
Duration: 15 days drilling time

45 days completion time

<sup>\*\*</sup>Maximum surface pressure = A - (0.22 x TD)

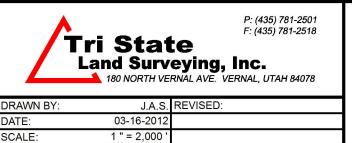






## TOTAL PROPOSED ROAD DISTANCE: ± 906

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

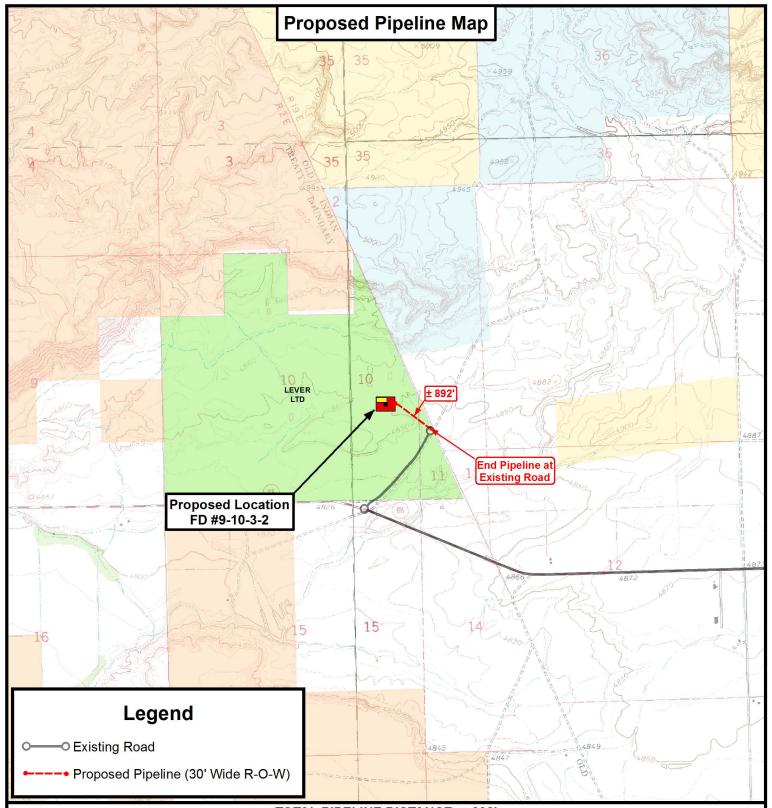


## **BILL BARRETT CORPORATION**

FD #9-10-3-2 SEC. 10, T3S, R2E, U.S.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP





## **TOTAL PIPELINE DISTANCE: ± 892'**

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



1 " = 2,000

SCALE

## **BILL BARRETT CORPORATION**

FD #9-10-3-2 SEC. 10, T3S, R2E, U.S.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET

## SURFACE USE AGREEMENT

(FD 9-10-3-2)

(FD 9-10-3-2)
THIS AGREEMENT Dated April 20, 2012 by and between
Lever, Ltd.
whose address is 29900 St. Andrews Road, Perrysburg, OH 43551
hereinafter referred to as "Operator".
WITNESSETH:
WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah , hereinafter referred to as "Lands", to wit:
A Tract of land lying in the <b>NESE of Section 10, Township 3 South, Range 2 East, USM</b> as further described on Exhibit "A" attached hereto and made a part hereof.
WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and  WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and
WHEREAS, the parties believe that it is in their mutual best interest to agree to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of
NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the parties agree as follows:  1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil
1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner the following sum as settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

- 2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.
- 3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.
- 4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any

road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

- 5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.
- 6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator.
- 7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.
- 8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.
- 9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.
- 10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.
  - 11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

By: John K. Lever, Jr., Co-Manager

## **ADDITIONAL PROVISIONS:**

**SURFACE OWNER:** 

Jane Ann Spirn, Co-Manager

Lever, Ltd.

12. Upon Surface Owner's execution of this Agreement, Operator shall pay Surface Owner a non-refundable One Thousand Dollar (\$1,000.00) advance toward the Fourteen Thousand Dollar (\$14,000.00) payment for damages for the wellsite and access provided in paragraph 1.a. above. Operator shall pay Surface Owner the balance owed for damages for the wellsite and access of Thirteen Thousand Dollars (\$13,000.00) prior to commencing any construction activities on the Lands.

SS/Tax ID# 290-52-1545 (SS) Jane Spirm 34-1912671 (ID)
STATE of ACKNOWLEDGEMENT  COUNTY of WOOD
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this

My Commission Expires:

KATHERINE C. MYERHOLTZ
Notary Public, State of Ohio
My Comm. Expires April 5, 2016

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

MECETAED. Mal 71, 7017

SS/Tax ID# 277-40-9634 34-1912671(TAX ID) STATE of ACKNOWLEDGEMENT COUNTY of BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this personally appeared John K. Lever, Jr., Co-Manager of Lever, Ltd. , to me known to be the Identical person(s) , described in and who executed the within and foregoing instrument of writing and acknowledged to me that their free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein. executed same as IN WITNESS  $\overline{\text{WHEREO}}$ F, I have hereunto set my hand and affixed my notarial seal the day and year last above written. My Commission Expires: 47016, 2016

API Well Number: 43047527630000

KATHERINE C. MYERHOLTZ Notary Public, State of Ohio My Comm. Expires April 5, 2016

## MEMORANDUM OF SURFACE USE AGREEMENT

State of Utah  (County of Uintah  (County of Uintah	
Lever, Ltd. of 29900 St. Andrews Road, Perrysburg, OH 43551, hereafter referred to as "Surface Owners" have granted, a Surface Use Agreement, to Bill Barrett Corporation of 1099 18th Street, #2300, Denver, CO 80202, hereafter referred to as "Bill Barrett", dated April 20, 2012, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from FD 9-10-3-2 on the following lands (the "Lands") in Uintah County Utah: A tract of land lying in the NE/4SE/4 of Section 10, Township 3 South, Range 2 East, USM, Uintah County.  The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.  This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this  day of	
Road, Perrysburg, OH 43551, hereafter referred to as "Surface Owners" have granted, a Surface Use Agreement, to Bill Barrett Corporation of 1099 18th Street, #2300, Denver, CO 80202, hereafter referred to as "Bill Barrett", dated April 20, 2012, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other minerals, all on or from FD 9-10-3-2 on the following lands (the "Lands") in Uintah County Utah: A tract of land lying in the NE/4SE/4 of Section 10, Township 3 South, Range 2 East, USM, Uintah County.  The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.  This instrument may be executed in multiple coupterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this day of Agy of Acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this day of Acknowledgment pages of the various counterparts here to may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this day of Acknowledgment pages of the various counterparts here to may be combined into one instrument for the purpose of recording this instrument in the records of the County Recorder's office.  Executed this day of A	County of Uintah )(
produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.  This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this day of	Road, Perrysburg, OH 43551, hereafter referred to as "Surface Owners" have granted, a Surface Use Agreement, to Bill Barrett Corporation of 1099 18 <sup>th</sup> Street, #2300, Denver, CO 80202, hereafter referred to as "Bill Barrett", dated April 20, 2012, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from FD 9-10-3-2 on the following lands (the "Lands") in Uintah County Utah: A tract of land lying in the NE/4SE/4 of Section 10, Township 3 South, Range 2 East, USM, Uintah
considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.  Executed this day of	produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of
SURFACE OWNERS: Lever, Ltd.  Jane Ann Spirn, Co-Manager  STATE OF  COUNTY OF  BEFORE me, the undersigned, a Notary Public in and for said County and State, on this day of 2012, personally appeared Jane Ann Spirn, Co-Manager of Lever, Ltd., known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.  KATHERINE C. MYERHOLTZ Notary Public, State of Ohio My Comm. Expires April 5, 2016  STATE OF  COUNTY OF  STATE OF  COUNTY OF  STATE OF  COUNTY OF  ACKNOWLEDGEMENT	considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.
STATE OF OHD SSTATE OF OF OHD S	Executed this day of
BEFORE me, the undersigned, a Notary Public in and for said County and State, on this	Lever, Ltd.  Jane ann Abirn  John Kandy
, 2012, personally appeared Jane Ann Spirn, Co-Manager of Lever, Ltd., known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.  KATHERINE C. MYERHOLTZ Notary Public, State of Ohio My Comm. Expires April 5, 2016  STATE OF  STATE OF  STATE OF  STATE OF  STATE OF  STATE OF  ACKNOWLEDGEMENT	}:SS ACKNOWLEDGEMENT
COUNTY OF WOOD }:SS ACKNOWLEDGEMENT	, 2012, personally appeared Jane Ann Spirn, Co-Manager of Lever, Ltd., known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.  KATHERINE C. MYERHOLTZ Notary Public, State of Ohio
day of the undersigned, a Notary Public in and for said County and State, on this day of the county and State, on this day of the county and State, on this day of the county and State, and the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary	BEFORE me, the undersigned, a Notary Public in and for said County and State, on this day of

KATHERINE C. MYERHOLTZ Notary Public, State of Ohio My Comm. Expires April 5, 2016

## RIGHT-OF-WAY AGREEMENT

STATE OF UTAH

COUNTY OF

valuable and poog other and (\$10.00)00/100ths DOLLARS ઝ CONSIDERATION OF TEN consideration, in hand paid to Z AND

Lever, Ltd., whose address is 29900 St. Andrews Road, Perrysburg, OH 43551

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to Aurora Gathering, LLC ("GRANTEE"), of 1099 18<sup>th</sup> Street, #2300, Denver, CO 80202, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, along with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipelines or multiple pipelines, drips, valves, electrical power lines, whether buried or overhead, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee.

right-of-way shall be located over and across the following described lands owned by the Grantor in Uintah County, State of Utah, to-wit: The said

Township 3 South, Range 2 East, USM Section 10: A tract of land lying in the S/2S/2 Section 11: A tract of land lying in the SW/4SW/4 As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

upon, over and through the above described premises. All pipelines installed hereunder shall be buried where practical. Grantor shall not place anything over or so close to any pipeline, road, or other facility of Grantee as will be likely to interfere with Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines, roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for the permanent easement. Pipelines and disturbed ground, not in the permanent road Grantee to have the right to select, change or alter the routes of all pipelines and roads herein authorized to be laid under, over and through the above described premises. All pipelines installed hereunder shall be buried where practical. Granton Pipelines and disturbed ground, not in the permanent Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. easement, to be reseeded at recommended seeding rates per Surface Owner once cleanup is completed.

agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil any prior The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes and gas leases owned by Operator covering all or any portion of the above described lands. For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon INSELT: REASOLABLE + ANTICIPATED

Grantor shall be held harmless from any claim or demand made on the grounds of damage to properly of might to

death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

upon the successors and assigns of the parties hereto and shall be deemed to be This agreement shall be binding upon covenant running with the lands described above.

day IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this of れんりんしょ 2012.

GRANTORS:

Lever, Ltd.

Jane ann

Jane Ann Spirn, Co-Manager

Co-Manager

Lever, Jr.,

John K.

GRANTEE:

Aurora Gathering, LLC

## ACKNOWLEDGEMENT

SS doard 01110 COUNTY OF STATE OF\_

On the 8H day of 1147, 2012, before me the undersigned authority, appeared Jane Ann Spirn, to me personally known, who, being sworn, die say that they are the Co-Manager of Lever, Ltd., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership. 84 day of

KATHERINE C. MYERHOLTZ Nolary Public, State of Ohio My Comm. Expires April 5, 2016 

Nobery Public for the

Mutingon Residing at\_

## ACKNOWLEDGEMENT

SS COUNTY OF MOD STATE OF OTTIO

On the **A** day of **MUL**, 2012, before me the undersigned authority, appeared **John K. Lever**, **Jr.**, to me personally known, who, being sworn, did say that they are the <u>Co-Manager of Lever</u>, <u>Ltd.</u>, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership. May On the day of

\* KATHERINE C. MYERHOLTZ

\* Notary Public, State of Ohio

My Comm. Expires April 5, 2016

oublic for the State of

Residing at Hultung

## ACKNOWLEDGEMENT

_	SS (	
Ì		
_		OF
IAIEO		OUNTY OF
~		0

On the\_\_\_\_\_ day of \_\_\_\_\_\_, 2012, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the <u>Senior Vice-President Land of Aurora Gathering, LLC</u>, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

Notary Public for the State

Residing at

## AGREEMENT RIGHT-OF-WAY

STATE OF UTAH COUNTY OF

valuable and good other 00/100ths DOLLARS (\$10.00) and ઝ TEN OF CONSIDERATION FOR AND IN CC consideration, in hand paid to AND

Lever, Ltd., whose address is 29900 St. Andrews Road, Perrysburg, OH 43551

with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipelines or multiple pipelines, drips, valves, electrical power lines, whether buried or overhead, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee. ("GRANTEE"), of 1099 18th Street, #2300, Denver, CO 80202, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, along grant to Aurora Gathering, acknowledge, does hereby ("GRANTOR"), the receipt and sufficiency of which is hereby ("GRANTEE"), of 1099 18th Street, #2300, Denver, CO 80202,

The said right-of-way shall be located over and across the following described lands owned by the Grantor in Uintah County, State of Utah, to-wit:

Township 3 South, Range 2 East, USM Section 10: A tract of land lying in the NE/4SE/4 Section 11: A tract of land lying in the SW/4SW/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines, roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for the permanent easement. Pipelines and disturbed ground, not in the permanent road upon, over and through the above described premises. All pipelines installed hereunder shall be buried where practical. Grantor shall not place anything over or so close to any pipeline, road, or other facility of Grantee as will be likely to interfere with Grantee to have the right to select, change or alter the routes of all pipelines and roads herein authorized to be laid under, for construction and Fifty (50') feet for the permanent easement. Pipelines and disturbed ground, easement, to be reseeded at recommended seeding rates per Surface Owner once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes and gas leases owned by Operator covering all or any portion of the above described lands. For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party foly damages to the above described lands and the improvements and crops and other things situated thereon. IN SERT REPORTBLE t ANTICIPATED

demand made on the grounds of damage to property or injury Grantor shall be held harmless from any claim or

death of persons, arising out of Grantee's exercise of the rights herein granted.

Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition. This agreement shall terminate within six (6) months after cessation of use by Grantee.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be covenant running with the lands described above.

day IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this of MARY

GRANTORS:

Lever, Ltd.

Jane Ann Spirn, Co-Manager

ann

time

GRANTEE:

Aurora Gathering, LLC

## ACKNOWLEDGEMENT

$\widehat{}$	SS (
STATE OF OHIO	COUNTY OF MULD

On the day of Man, 2012, before me the undersigned authority, appeared Jane Ann Spirn, to me personally known, who, being sworn, did say that they are the Co-Manager of Lever, Ltd., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

acura	KATI Not My Cc
omedda a madau	O N N S S S S S S S S S S S S S S S S S

THERINE C. MYERHOLTZ btary Public, State of Ohio Comm. Expires April 5, 2016

Notary Public for the State

Residing at Huntingfun

## ACKNOWLEDGEMENT

SS COUNTY OF 1/100 01410 STATE OF\_

On the day of my and say that they are the undersigned authority, appeared John K. Lever, Jr., to me personally known, who, being sworn, dra say that they are the Co-Manager of Lever, Ltd., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

W O O O O

KATHERINE C. MYERHONEZary Public for the State of Notary Public, State of Ohio My Comm. Expires April 5, 2016
Residing at

## ACKNOWLEDGEMENT

	88
STATE OF	OUNTY OF

On the \_\_\_\_\_ day of \_\_\_\_\_\_, 2012, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the <u>Senior Vice-President Land of Aurora Gathering, LLC</u>, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

Jo	
the State	
ublic for	<del>-</del>
Notary Public for the State of	Residing at

## AGREEMENT RIGHT-OF-WAY

COUNTY OF UINTAH STATE OF UTAH

valuable and poog other (\$10.00) and 00/100ths DOLLARS જ TEN CONSIDERATION OF consideration, in hand paid to

# Lever, LTD whose address is 29900 St. Andrews Road, Perrysburg, OH 43551

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to Aurora Gathering, LLC ("GRANTEE"), of 1099 18<sup>th</sup> Street, #2300, Denver, CO 80202, its successors or assigns, a right-of-way to construct, maintain and use a road for the purpose of drilling, operating and maintaining a well or wells for the production of the oil and/or gas, along with the right to lay, construct, maintain, alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, electrical power lines, whether buried or overhead, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said road and lands for any purpose necessary or incidental to the drilling, operating and maintaining a well or wells owned by Grantee. The said right-of-way shall be located over and across the following described lands owned by the Grantor in Uintah County,

# Township 3 South, Range 2 East, USM Section 11: A tract of land lying in the N/2 of Lot

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

pipeline, road, or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines, roads, and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60') feet for construction and Fifty (50') feet for the permanent easement. Pipelines and disturbed ground, not in the permanent road easement, to be reseeded at recommended seeding rates per Grantor shall not place anything over or so close to any All pipelines installed hereunder shall be buried where practical. easement. Pipelines and disturbed ground, Surface Owner once cleanup is completed.

agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written and gas leases owned by Operator covering all or any portion of the above described lands. The foregoing

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party fordamages to the above described lands and the improvements and crops and other things situated thereon.

Orantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the road and installation of power line and pipelines, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

is obligated to notify surface deemed to þe shall This agreement shall be binding upon the successors and assigns of the parties hereto and covenant running with the lands described above. However, any successor to Grantee's interest is of owner of new ownership and provide to the surface owner viable contact information.

 $\mathcal{O}$ IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 2012. Jo

GRANTOR:

Jano Ann Spirn, Co-Manager

GRANTOR: LTD

State of 17470 State of 17470	County of \( \overline{\mathcal{MOO}} \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	ب ت	above, to me known to be the identical personally appeared Jane Ann Spirn and John K. Lever, in the capacities as stated above, to me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth.
State of	County	,	above,

Given under my hand and seal the day and year last above written.

My Commission Expires: Hpy/11

5,2011

KATHERINE C. MYERHOLTZ

\* Notary Public, State of Ohio
My Comm. Expires April 5, 2016

Residing At: Huntungen

Notary

-
<b>IEN</b>
[-1]
$\sim$
4
臣
r h
$\mathbf{\mathbf{\mathcal{C}}}$
$\overline{}$
5
T
'n
>
$\rightarrow$
$\mathbf{\mathbf{\mathcal{U}}}$
$\mathbf{Z}$
$\mathbf{x}$
$\mathbf{C}$
P.

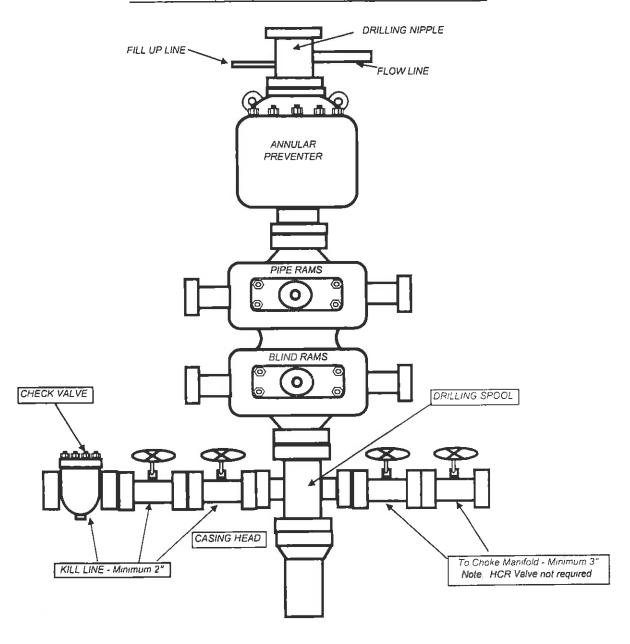
_	SS
î	$\cap$
	Έ.
ᄕᅼ	COUNTY OF
STATE OF	É
Ë	Z
$\leq$	뒪
S	$\ddot{c}$

On the \_\_\_\_\_ day of \_\_\_\_\_\_, 2011, before me the undersigned authority, appeared <u>Huntington T. Walker</u>, to me personally known, who, being sworn, did say that he is the <u>Senior Vice President Land for Aurora Gathering, LLC</u>, and that the foregoing instrument was signed in behalf of said Corporation and Appeared acknowledged to me that said instrument to be the free act and deed of the Corporation.

Notary Public for the State of	Residing at

## **BILL BARRETT CORPORATION**

## TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER





May 24, 2012

Utah Division of Oil, Gas and Mining Attention: Dustin Doucet 1594 West North Temple, Suite 1120 Salt Lake City, Utah

RE: Commingling Application Fort Duchesne Area FD 9-10-3-2 NESE Section 10, T3S-R2E Duchesne County,UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchesne Prospect. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed application.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Thomas J. Abell

Landman

Enclosures



## AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Prospect:

FD 9-10-3-2 NESE Section 10 T3S-R2E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessees EnCana Oil & Gas (USA) Inc. Forest Oil Corporation

Date: May 24, 2012

Affiant:

Landman



May 24, 2012

EnCana Oil & Gas (USA), Inc. Attn: Judy Tatham 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202

RE: Commingling Application FD 9-10-3-2 Duchesne County, UT

Dear Ms. Tatham,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Thomas J. Abell

Landman

Enclosures



May 24, 2012

Forest Oil Corporation Attn: Ken Mcphee 707 17th St # 3600 Denver, CO 80202

RE: Commingling Application FD 9-10-3-2 Duchesne County, UT

Dear Mr. Mcphee,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

Thomas J. Abell Landman BILL BARRETT CORPORATION

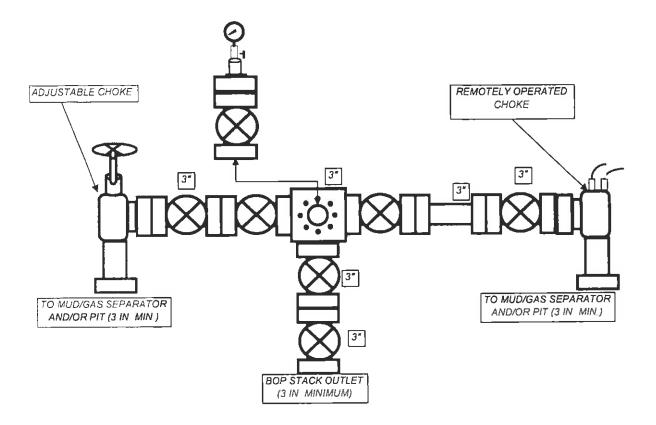
Landman

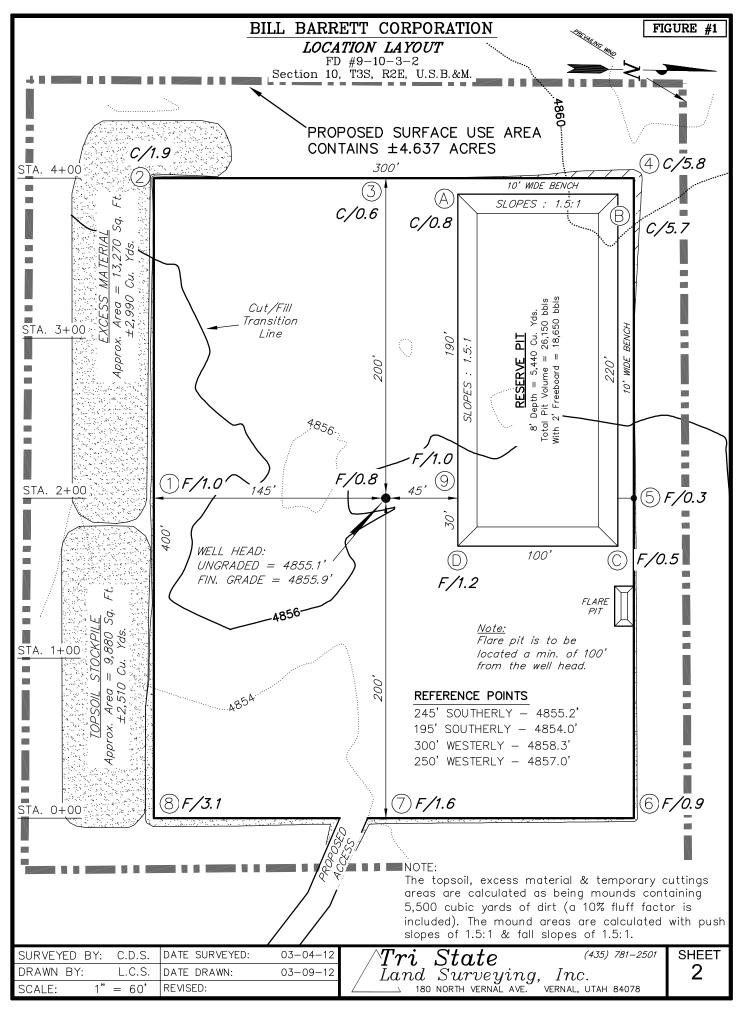
**Enclosures** 

PETRA 11/30/2011 10:28:03 AM

## **BILL BARRETT CORPORATION**

## TYPICAL 5,000 p.s.i. CHOKE MANIFOLD

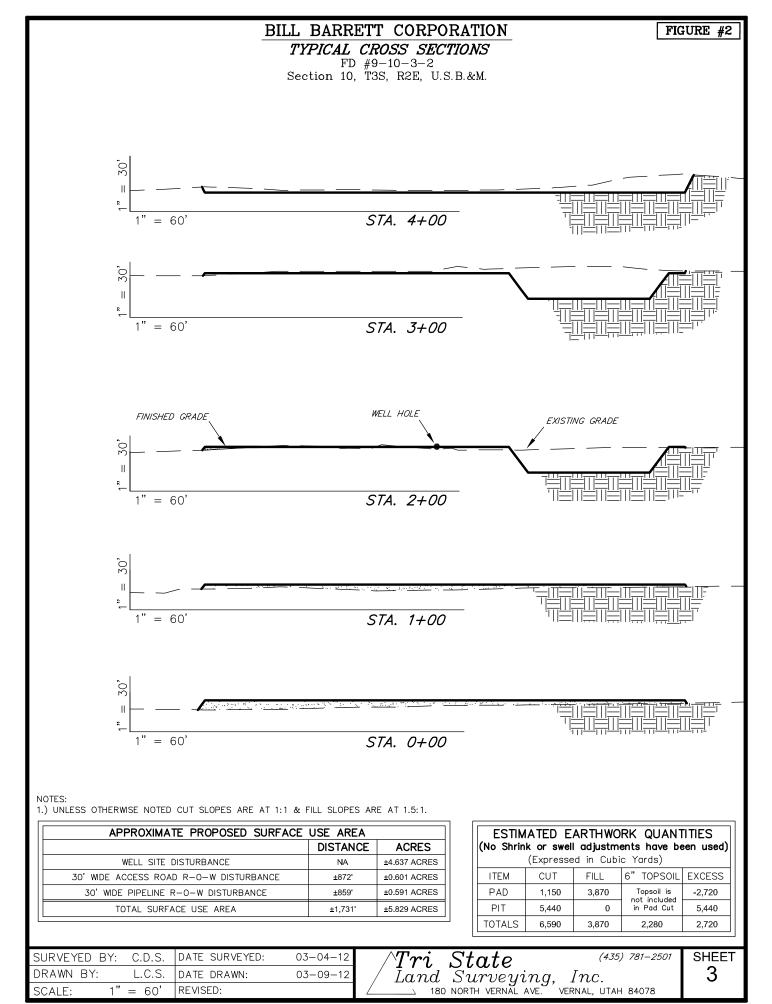


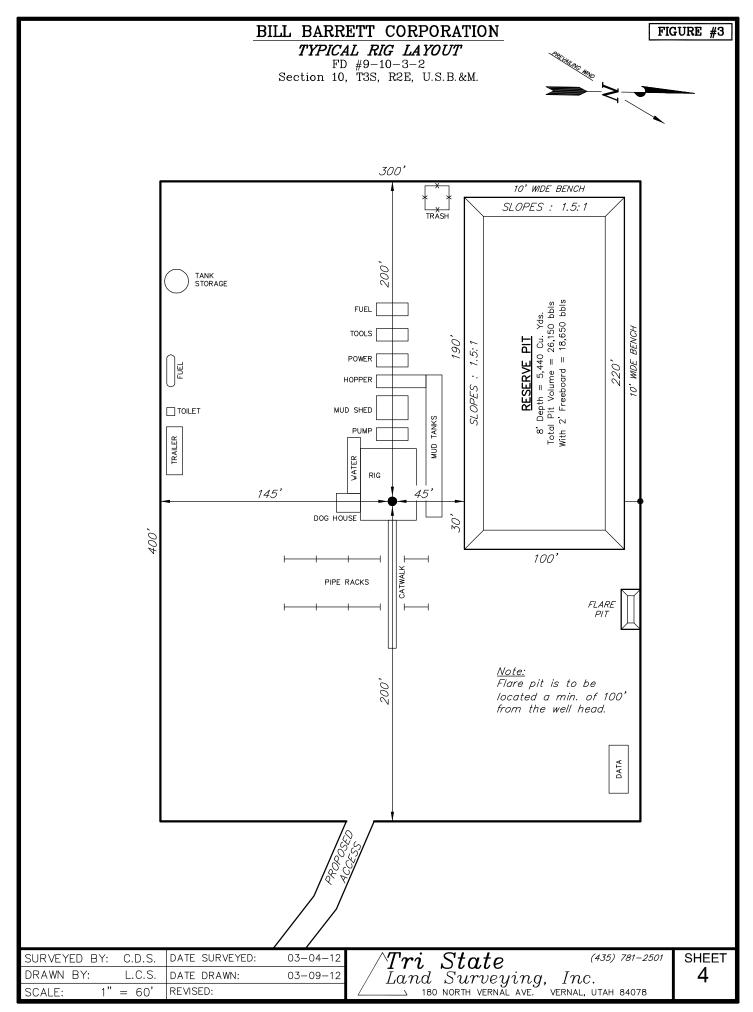


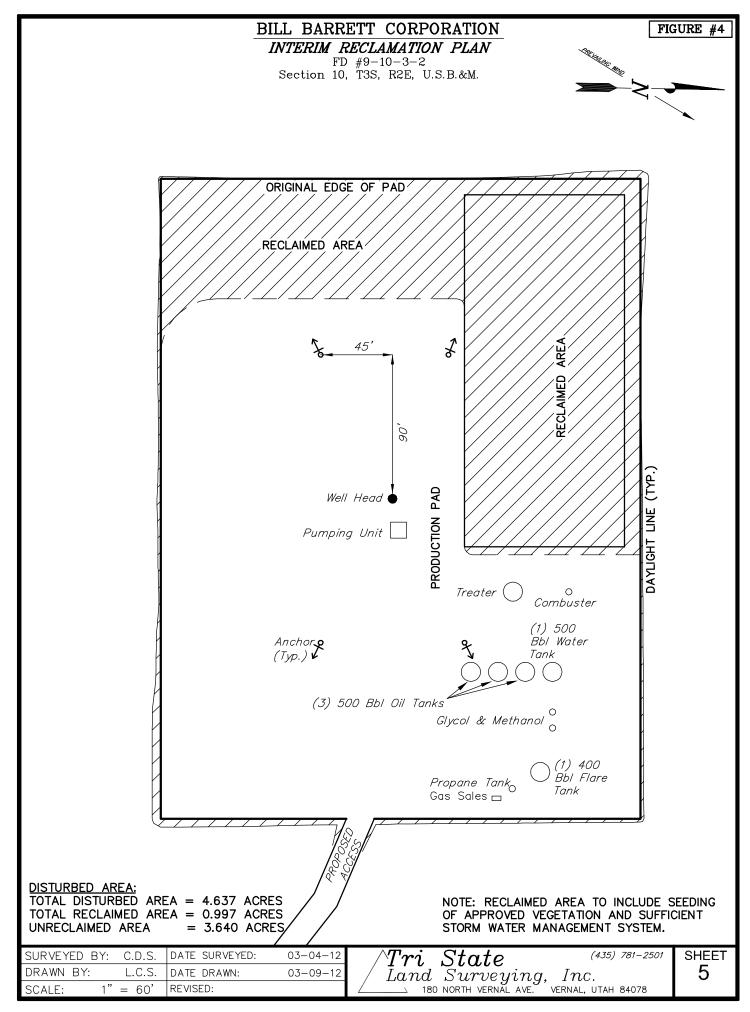
1" = 60'

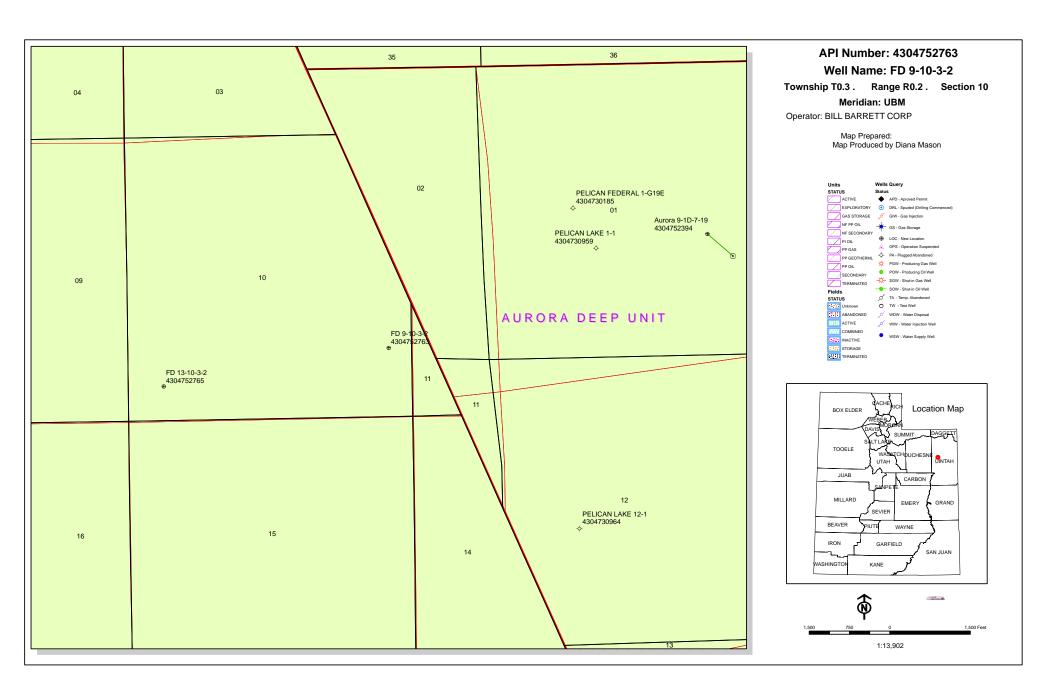
SCALE:

REVISED:





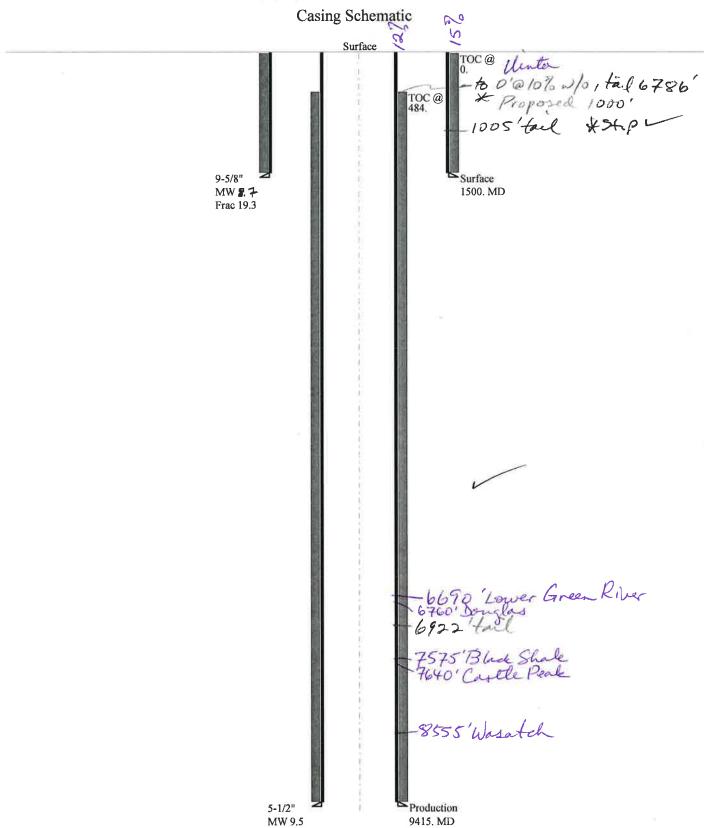




### BOPE REVIEW BILL BARRETT CORP FD 9-10-3-2 43047527630000

Well Name		BILL BARRETT CORP FD 9-10-3-2 43047527630000							
String		Cond	Surf	Prod	i [		]		
Casing Size(")	16.000	9.625	5.500	i I		5			
Setting Depth (TVD)	80	1500	9415	i I		7			
Previous Shoe Setting Dept	h (TVD)	0	80	1500	i II		]		
Max Mud Weight (ppg)		8.8	8.8	9.5	i II		]		
BOPE Proposed (psi)		500	500	5000	i I		7		
Casing Internal Yield (psi)		1000	3520	10640	i II		]		
Operators Max Anticipated	Pressure (psi)	4699		9.6	i II		]		
Calculations		Cond Str	ina			16.000			
Max BHP (psi)			52*Setting D	Denth*MW=	- -	10.000			
( <b>F</b> )					131		BOP	E Adec	quate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Setti	ing Depth)=	27		YES		
MASP (Gas/Mud) (psi)		Max BH	P-(0.22*Setti	ing Depth)=	19		YES		·
					1		-	n Full I	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(S	etting Depth	- Previous Sh	noe Depth)=	19		NO		
Required Casing/BOPE Tes	st Pressure=				80		psi		
*Max Pressure Allowed @	Previous Casing	Shoe=			0		psi	*Ass	umes 1psi/ft frac gradient
Calculations May PHP (ngi)		Surf Stri		Nanth*MW-	H	9.625	Ë		
Max BHP (psi)		.052*Setting Depth*MW=		68	6	ROP	PF Adec	quate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)		Max BHP-(0.12*Setting Depth)=			50	e I	NO	E Auet	air/mist or fresh wtr, w/diverter
MASP (Gas/Mud) (psi)					35		YES		OK
( <b>( Gu</b> arill <b>uu</b> ) ( <b>P</b> ar)		man 2111 (0.22 Setting Septin)			35	0	1	n Full I	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(S	etting Depth	- Previous Sh	noe Depth)=	37	4	NO	i	OK
Required Casing/BOPE Tes	st Pressure=				15	00	psi		,
*Max Pressure Allowed @	Previous Casing	Shoe=			80		psi	*Ass	umes 1psi/ft frac gradient
Calculations		Prod Stri		1 43 6377	L	5.500	"		
Max BHP (psi)		.0	052*Setting D	Deptn*M w =	46	51	ROP	PE Adac	quate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Setti	ing Denth)=	35	24		E Auec	quate For Drinning And Setting Casing at Depth.
MASP (Gas/Mud) (psi)			P-(0.22*Setti		25		YES		OK I
( <del>)</del> ( <b>F</b> )				3 ·F/	120	o U	-	n Full I	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(S	etting Depth	- Previous Sh	noe Depth)=	29	10	NO	ĺ	OK
Required Casing/BOPE Tes	st Pressure=				50		psi		
*Max Pressure Allowed @	Previous Casing	Shoe=			15	00	psi	*Ass	umes 1psi/ft frac gradient
Calculations		String		\ 41- \(\frac{1}{2}\) \(\frac{1}{2}\)	H		"		
Max BHP (psi)		.0	052*Setting D	жеріп ім <b>w</b> =	<u> </u>		ROD	PE Adec	quate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Setti	ing Depth)=	H	1	NO	Z Auet	Tance 2 of Drining And Setting Casing at Depth.
MASP (Gas/Mud) (psi)			P-(0.22*Setti		H		NO		!i
(Gustatus) (Pst)		<i>n</i> 211	( <u> </u>	5 F.m/	1-		-	n Full I	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(S	etting Depth	- Previous Sh	noe Depth)=	F		NO	i	Ī
Required Casing/BOPE Tes	st Pressure=				Ë		psi		,
*** P					H		-	± A	1 :/6: 6 1: .

## 43047527630000 FD 9-10-3-2



Well name:

43047527630000 FD 9-10-3-2

Operator:

**BILL BARRETT CORP** 

String type:

Surface

Project ID: 43-047-52763

Location:

UINTAH COUNTY

> Minimum design factors: **Environment:**

Collapse

Mud weight: Design is based on evacuated pipe.

Design parameters:

Collapse: Design factor

1.125

H2S considered? Surface temperature:

No 74 °F

Bottom hole temperature: Temperature gradient:

95 °F

Minimum section length:

1.40 °F/100ft 100 ft

**Burst:** 

Design factor

1.00

1.80 (J) 1.70 (J)

1.60 (J)

Cement top:

Surface

**Burst** 

Max anticipated surface

pressure: Internal gradient: Calculated BHP

1,170 psi 0.220 psi/ft

8.700 ppg

1,500 psi

No backup mud specified.

Buttress: Premium:

8 Round STC:

8 Round LTC:

Tension:

1.50 (J) 1.50 (B) Body yield:

Tension is based on air weight. Neutral point: 1,307 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

9,415 ft 9.500 ppg 4,646 psi

Next setting BHP: Fracture mud wt: Fracture depth: Injection pressure:

19.250 ppg 1,500 ft 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13037
Run Seq	Collapse Load (psi) 678	Collapse Strength (psi) 2020	Collapse Design Factor 2.980	Burst Load (psi) 1500	Burst Strength (psi) 3520	Burst Design Factor 2.35	Tension Load (kips) 54	Tension Strength (kips) 394	Tension Design Factor 7.30 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Mining by:

Phone: 801 538-5357 FAX: 801-359-3940

Date: August 15,2012 Salt Lake City, Utah

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43047527630000 FD 9-10-3-2

Minimum design factors:

Operator:

**BILL BARRETT CORP** 

String type:

Project ID:

Production

Design is based on evacuated pipe.

43-047-52763

Location:

UINTAH COUNTY

**Environment:** 

Collapse

Mud weight:

Design parameters:

9.500 ppg

Collapse:

H2S considered?

No 74 °F

Design factor

1.125

Surface temperature: Bottom hole temperature:

Non-directional string.

206 °F

Temperature gradient: Minimum section length: 1,000 ft

1.40 °F/100ft

Burst:

Design factor

1.00

Cement top:

484 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

2,575 psi 0.220 psi/ft

4,646 psi

**Tension:** 

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress:

Premium:

1.60 (J) 1.50 (J) 1.60 (B)

Body yield:

Tension is based on air weight. Neutral point:

8.059 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (Ibs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9415	5.5	17.00	P-110	LT&C	9415	9415	4.767	62015
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4646	7480	1.610	4646	10640	2.29	160.1	445	2.78 J

Prepared

Helen Sadik-Macdonald Div of Oil, Gas & Mining

Phone: 801 538-5357 FAX: 801-359-3940

Date: August 10,2012 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9415 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

## ON-SITE PREDRILL EVALUATION Utah Division of Oil Cos and Mining

Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP

**Well Name** FD 9-10-3-2

API Number 43047527630000 APD No 6067 Field/Unit WILDCAT

**Location: 1/4,1/4** NESE **Sec** 10 **Tw** 3.0S **Rng** 2.0E 1980 FSL 663 FEL

GPS Coord (UTM) Surface Owner Lever, LTD

## **Participants**

Don Hamilton (permit contractor), Kary Eldredge (BBC), Dayton Slaugh (surveyor), Davie Stokes (EIS)

## Regional/Local Setting & Topography

This location sits just to the north of 4500 South road in Randlett Utah approximately 4 miles north west of Pelican Lake. 4500 south is the main road leading between the Pelican lake area Randlett. The area around this location is very flat. There are exposed rock formations and sandy clay soil.

## Surface Use Plan

**Current Surface Use** 

Wildlfe Habitat

New Road Miles Well Pad Src Const Material Surface Formation

0.17 Width 300 Length 400 Onsite UNTA

**Ancillary Facilities** N

Waste Management Plan Adequate? Y

## **Environmental Parameters**

Affected Floodplains and/or Wetlands N

Flora / Fauna

grease wood, spiny hopsage, rabbit brush, desert grasses

Soil Type and Characteristics

Sandy clay

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

**Erosion Sedimentation Control Required?** N

RECEIVED: September 13, 2012

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

## Reserve Pit

Site-Specific Factors	Site Ran	king	
Distance to Groundwater (feet)	> 200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	TDS>5000 and	10	
<b>Drill Cuttings</b>	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	20	1 Sensitivity Level

## Characteristics / Requirements

The reserve pit as proposed is 220' x 100' x 8' deep and is placed in a cut stable location. Bill Barrett Corporation typically uses a 16 mil liner and this will adequate for the site.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

## **Other Observations / Comments**

Evaluator	Date / Time
Richard Powell	6/19/2012

API Well Number: 43047527630000

# Application for Permit to Drill Statement of Basis

### Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner CBM
6067	43047527630000	LOCKED	OW	P No
Operator	BILL BARRETT CORP		Surface Owner-APD	Lever, LTD
Well Name	FD 9-10-3-2		Unit	
Field	WILDCAT		Type of Work	DRILL
Location	NESE 10 3S 2E U	1980 FSL 6	663 FEL GPS Coord	
Location	(UTM) 606575E 44543	75N		

#### **Geologic Statement of Basis**

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,400'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 10. The wells are 200 and 300 feet in depth with listed uses as oil exploration, irrigation and stock watering. Both wells are more than 1 mile from the proposed location. The wells probably produce water from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect usable ground water in the area.

Brad Hill **APD Evaluator** 

7/10/2012 **Date / Time** 

#### **Surface Statement of Basis**

This location is on fee surface owned by Lever, LTD. I spoke to land owner representative Jane Spirn about this proposed well location. Ms. Spirn stated that she had no concerns with this site and that she would not attend the presite. This appears to be a good location for placement of this well.

Richard Powell **Onsite Evaluator** 

6/19/2012 **Date / Time** 

#### Conditions of Approval / Application for Permit to Drill

Category Condition

Pits A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed

and maintained in the reserve pit.

Surface The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: September 13, 2012

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/24/2012	API NO. ASSIGNED: 43047527630000

WELL NAME: FD 9-10-3-2

**OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 312-8172

**CONTACT:** Venessa Langmacher

PROPOSED LOCATION: NESE 10 030S 020E Permit Tech Review:

SURFACE: 1980 FSL 0663 FEL Engineering Review: 

✓

BOTTOM: 1980 FSL 0663 FEL Geology Review:

COUNTY: UINTAH

LATITUDE: 40.23493 LONGITUDE: -109.74721

**UTM SURF EASTINGS:** 606575.00 **NORTHINGS:** 4454375.00

FIELD NAME: WILDCAT LEASE TYPE: 4 - Fee

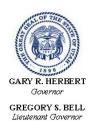
LEASE NUMBER: Fee PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH
SURFACE OWNER: 4 - Fee COALBED METHANE: NO

**RECEIVED AND/OR REVIEWED: LOCATION AND SITING: I**✓ PLAT R649-2-3. Bond: STATE/FEE - LPM4138148 Unit: Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: R649-3-2 Water Permit: 49-2336 RDCC Review: 2012-08-29 00:00:00.0 **Effective Date: ▶** Fee Surface Agreement Siting: Intent to Commingle R649-3-11. Directional Drill **Commingling Approved** 

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill

21 - RDCC - dmason 23 - Spacing - dmason



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

### Permit To Drill

\*\*\*\*\*\*

Well Name: FD 9-10-3-2 API Well Number: 43047527630000

Lease Number: Fee

**Surface Owner:** FEE (PRIVATE) **Approval Date:** 9/13/2012

#### Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

#### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

#### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well-contact Dan Jarvis

#### **Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 office
- Dustin Doucet 801-538-5281 office

801-733-0983 - after office hours

• Dan Jarvis 801-538-5338 - office

801-231-8956 - after office hours

#### Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Oil Well  2. NAME OF OPERATOR: BILL BARRETT CORP  3. ADDRESS OF OPERATOR: 1. 099 18th Street Ste 2300, Denver, CO, 80202  3. ADDRESS OF OPERATOR: 1. OP		STATE OF UTAH		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION  7.UNIT or CA AGREEMENT NAME:  1. TYPE OF WELL Oil Well  8. WELL NAME and NUMBER: FD 9-10-3-2  2. NAME OF OPERATOR: BILL BARRETT CORP  9. API NUMBER: 43047527630000  3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, Denver, CO, 80202  9. FIELD and POOL or WILDCAT: WILDCAT  4. LOCATION OF WELL COUNTY:		DEPARTMENT OF NATURAL RESOUR		5 I FASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Oil Well  2. NAME OF OPERATOR: BILL BARRETT CORP  3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, Denver, CO, 80202  3. ADDRESS OF OPERATOR: COUNTY:  4. LOCATION OF WELL COUNTY:		DIVISION OF OIL, GAS, AND MI	NING	
current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Oil Well  2. NAME OF OPERATOR: BILL BARRETT CORP BILL BARRETT CORP BILL BARRETT CORP BILL BARRETT CORP PHONE NUMBER: 1099 18th Street Ste 2300, Denver, CO, 80202  3. ADDRESS OF OPERATOR: COUNTY:  4. LOCATION OF WELL COUNTY:	SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Oil Well         FD 9-10-3-2           2. NAME OF OPERATOR: BILL BARRETT CORP         9. API NUMBER: 43047527630000           3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202         PHONE NUMBER: 303 312-8164 Ext         9. FIELD and POOL or WILDCAT: WILDCAT           4. LOCATION OF WELL         COUNTY:	current bottom-hole depth,	reenter plugged wells, or to drill horize		7.UNIT or CA AGREEMENT NAME:
BILL BARRETT CORP   43047527630000	1			
1099 18th Street Ste 2300 , Denver, CO, 80202       303 312-8164 Ext       WILDCAT         4. LOCATION OF WELL       COUNTY:				
		, Denver, CO, 80202		
UNITALL	FOOTAGES AT SURFACE:			
1980 FSL 0663 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 10 Township: 03.0S Range: 02.0E Meridian: U  UTAH	QTR/QTR, SECTION, TOWNS		dian: U	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	TYPE OF SUBMISSION		TYPE OF ACTION	
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR		ACIDIZE	ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT         Approximate date work will start:       ✓ CHANGE TO PREVIOUS PLANS       □ CHANGE TUBING       □ CHANGE WELL NAME	Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
3/1/2013 CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	3/1/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT DEEPEN FRACTURE TREAT NEW CONSTRUCTION		DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:  OPERATOR CHANGE  PLUG AND ABANDON  PLUG BACK	Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION		PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:  REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON		REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
TUBING REPAIR VENT OR FLARE WATER DISPOSAL				WATER DISPOSAL
□ DRILLING REPORT □ WATER SHUTOFF □ SI TA STATUS EXTENSION □ APD EXTENSION	DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:    WILDCAT WELL DETERMINATION OTHER: OTHER:	Report Date:		OTHER	
	40 DECCRIPE PROPOSED OF			<u>'</u>
BBC is submitting this sundry to request permission to change the production hole size from 8-3/4" to 7-7/8". Surface hole and casing size, production casing size, and the TD will remain the same as original permitted. Please see the attached revised drilling plan and cement calculator. Please contact Brady Riley at 303-312-8115 with any questions in regard to the proposed change.  Approved by the Utah Division of Oil, Gas and Mining  Date: March 05, 2013  By: Date: March 05, 2013				
NAME (PLEASE PRINT)  Brady Riley  PHONE NUMBER Permit Analyst				
SIGNATURE   DATE   2/26/2013	SIGNATURE	000 012 0110	DATE	

## BILL BARRETT CORPORATION DRILLING PLAN REVISED

#### FD 9-10-3-2

Lot 2 (NE SE), 1980' FSL and 663' FEL, Section 10, T3S-R2E, USB&M Uintah County, Utah

## 1 - 2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and</u> Gas and Other Minerals

<u>Formation</u>	Depth – MD	Depth - TVD
Lower Green River*	6,690'	6,690'
Douglas Creek	6,760'	6,760'
Black Shale	7,575'	7,575'
Castle Peak	7,640'	7,640'
Wasatch*	8,555'	8,555'
TD	9,415'	9,415'

<sup>\*</sup>PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas. Base of Useable Water = 1,980'

#### 3. BOP and Pressure Containment Data

<b>Depth Intervals</b>	BOP Equipment			
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)			
1,500' – TD	11" 5000# Ram Type BOP			
	11" 5000# Annular BOP			
- Drilling spool to a	- Drilling spool to accommodate choke and kill lines;			
- Ancillary equipme	- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in			
accordance with the	accordance with the requirements of onshore Order No. 2;			
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in				
advance of all BOP pressure tests.				
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up				
To operate most e	fficiently in this manner.			

#### 4. <u>Casing Program</u>

Hole Size	SETTING	DEPTH	Casing	Casing	Casing		
	(FROM)	<u>(TO)</u>	<u>Size</u>	Weight	<u>Grade</u>	<b>Thread</b>	<b>Condition</b>
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

<sup>\*</sup>The casing program is based on recent wells drilled by Axia in the immediate area.

Note: 9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved

Bill Barrett Corporation Drilling Program REVISED FD 9-10-3-2 Uintah County, Utah

- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

#### 5. <u>Cementing Program</u>

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 sx Halliburton Light Premium with additives
	mixed at 11.0 ppg (yield = $3.16 \text{ ft}^3/\text{sx}$ ) circulated to surface
(may pre-set with spudder rig)	with 75% excess. TOC @ Surface
	Tail: 210 sx Halliburton Premium Plus cement with
	additives mixed at 14.8 ppg (yield = $1.36 \text{ ft}^3/\text{sx}$ ), calculated
	hole volume with 75% excess. TOC @ 1,000'
5 ½" Production Casing	Lead: 690 sx Tuned Light cement with additives mixed at
	11.0 ppg (yield = 2.31 ft <sub>3</sub> /sx). TOC @ 1,000'
	Tail: 440 sx Halliburton Econocem cement with additives
	mixed at 13.5 ppg (yield = 1.42 ft <sub>3</sub> /sx). Top of cement to be
	determined by log and sample evaluation; estimated TOC @
	7,075'

#### 6. Mud Program

<u>Interval</u>	Weight	<u>Viscosity</u>	Fluid Loss (API filtrate)	<u>Remarks</u>
0' - 1,500'	Air/Mist/Mud	26 - 36	NC	Air/Mist/Freshwater Spud Mud
	8.3 - 8.7			Fluid System
1,500'- 5,500'	9.2 - 9.4	26 - 36	NC	Freshwater Mud Fluid System
5,500' – TD	9.4 –9.5	42-58	25 cc or less	DAP Fluid System

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

#### 7. <u>Testing, Logging and Core Programs</u>

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).
	FMI & Sonic Scanner to be run at geologist's discretion.

#### 8. Anticipated Abnormal Pressures or Temperatures

RECEIVED: Feb. 26, 2013

Bill Barrett Corporation Drilling Program REVISED FD 9-10-3-2 Uintah County, Utah

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4699 psi\* and maximum anticipated surface pressure equals approximately 2628 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

#### 9. <u>Auxiliary Equipment</u>

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use Mud monitoring will be visually observed

#### 10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

#### 11. <u>Drilling Schedule</u>

Location Construction: March 2013 Spud: March 2013

Duration: 15 days drilling time

45 days completion time

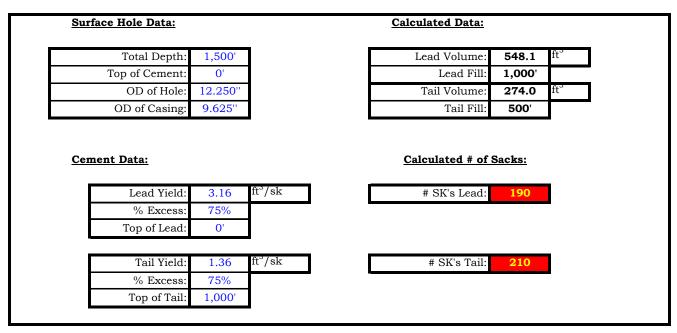
RECEIVED: Feb. 26, 2013

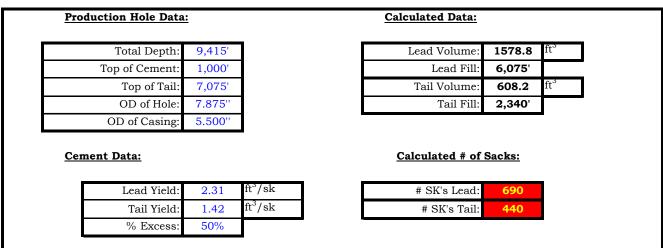
<sup>\*\*</sup>Maximum surface pressure = A - (0.22 x TD)



#### **AURORA CEMENT VOLUMES**

Well Name: <u>FD 9-10-3-2</u>





### FD 9-10-3-2 Proposed Cementing Program

ob Recommendation		Su	rface Casing
Lead Cement - (1000' - 0')			
Halliburton Light Premium	Fluid Weight:	11.0	lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield:	3.16	ft <sup>3</sup> /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid:	19.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	0'	
2.0% Bentonite	Calculated Fill:	1,000'	
	Volume:	97.61	bbl
	Proposed Sacks:	190	sks
Tail Cement - (TD - 1000')			
Premium Cement	Fluid Weight:	14.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.36	ft <sup>3</sup> /sk
	Total Mixing Fluid:	6.37	Gal/sk
	Top of Fluid:	1,000'	
	Calculated Fill:	500'	
	Volume:	48.80	bbl
	<b>Proposed Sacks:</b>	210	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (7075' - 1000')			
Tuned Light <sup>TM</sup> System	Fluid Weight:	11.0	lbm/gal
	Slurry Yield:	2.31	ft <sup>3</sup> /sk
	Total Mixing Fluid:	10.65	Gal/sk
	Top of Fluid:	1,000'	
	Calculated Fill:	6,075'	
	Volume:	281.17	bbl
	Proposed Sacks:	690	sks
Tail Cement - (9415' - 7075')			
Econocem <sup>TM</sup> System	Fluid Weight:	13.5	lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield:	1.42	ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid:	6.61	Gal/sk
	Top of Fluid:	7,075'	
	Calculated Fill:	2,340'	
	Volume:	108.31	bbl
	Proposed Sacks:	440	sks

RECEIVED: Feb. 26, 2013

	STATE OF UTAH		FORM 9		
1	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: Fee		
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FD 9-10-3-2		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43047527630000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Meridi	an: U	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud: 3/21/2013	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
3/21/2013	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Bate.					
	WILDCAT WELL DETERMINATION	OTHER .	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Drilling Contractor: Triple A Drilling LLC; Rig #: TA 4037; Rig Type: Soilmec SR/30; Spud Date: 3/21/13; Spud Time: 9:30 AM; Conductor Size: 16"; Hole Size: 26"; Commence Drilling approximate start date:  4/1/2013  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 21, 2013					
NAME (PLEASE PRINT) Brady Riley	PHONE NUMB 303 312-8115	ER TITLE Permit Analyst			
SIGNATURE		DATE			
N/A		3/21/2013			

	STATE OF UTAH				FORM 9
ι	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND I		3	5.LEASE DESIGNATION AND S	SERIAL NUMBER:
SUNDR	Y NOTICES AND REPORT	SON	WELLS	6. IF INDIAN, ALLOTTEE OR 1	TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significan reenter plugged wells, or to drill hon n for such proposals.	itly deep rizontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT N	AME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: FD 9-10-3-2	
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43047527630000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDC WILDCAT	AT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 1	HP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E M	eridian: l	J	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDI	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	NEW CONSTRUCTION	
	OPERATOR CHANGE	☐ F	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	□ F	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT I	FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT     Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	
3/1/2013	WILDCAT WELL DETERMINATION		OTHER	OTHER:	ĺ
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly sh				
	Spud in March 201	-	J	Accepted by the Utah Division o Oil, Gas and Mini FOR RECORD April 05, 2013	f ng ONLY
NAME (PLEASE PRINT)	PHONE NU	IMBER	TITLE		
Brady Riley	303 312-8115	MUDEK	Permit Analyst		
SIGNATURE N/A			<b>DATE</b> 4/5/2013		

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM							
Operator:	Bill Barrett Corporation		Operator Account Number: N 2165				
Address:	1099 18th Street, Suite 2300						
	city Denver						
	state CO	<sub>zip</sub> 80202	Phone Number: (303) 312-811				

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
4304752763	FD 9-10-3-2		NESE	10	38	2E	Uintah	
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date		
Α	new	18968	3	3/21/201	3	317	90113	

Well 2

API Number	Well Name		QQ Sec Twp		Rng County		
Action Code	Current Entity Number	New Entity Number	Spud Date				ty Assignment fective Date
Comments:		-					

Well 3

API Number	Well N	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date				y Assignment fective Date
Comments:					· • · · · · · · · · · · · · · · · · · ·		

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
   D Re-assign well from one existing entity to a remove the company of the
- E Other (Explain in 'comments' section)

MAR 2 1 2013

Title	Date
Permit Analyst	3/21/2013
Signature	
Brady Riley	
Name (Please Print)	
Brady Riley	

### BLM - Vernal Field Office - Notification Form

Oper	ator Bill Barrett Corporation	Rig Name	e/# CAP	STAR 328	
Subr	nitted By <u>JARED MEJORAD(</u>	Phone Nun	nber 281	-846-7727	<del></del>
	Name/Number FD9-10-3-2				
	Qtr NESE Section 10	Township 3	.0S F	Range 2.0E	
	e Serial Number FEE			<u> </u>	***
	Number <u>43047527630000</u>				
	<u> Notice</u> – Spud is the initial	spudding o	f the we	ell, not drilli	ng
out l	pelow a casing string.				
	Date/Time	•	ам 🗍	РМ	
			<b>L</b>	••••	
Casi	ng – Please report time casi	ing run start	ts, not c	ementing	
time	S.				
	Surface Casing	•			
	Intermediate Casing			:	
	Production Casing				
	Liner				
	Other				•
	Date/Time 04/03/2013	9;00	AM 🔽	PM 🗍	
			<del></del>		
<b>BOP</b>	<u>E</u> .			RF	CEIVED
	Initial BOPE test at surface	•			
	BOPE test at intermediate	casing point	-	AP	R 02 2013
	30 day BOPE test			DIV. OF O	IL, GAS & MINING
	Other				
	Date/Time		лм 🗀	PM 🗍	
	Date/Time		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	F 1 <sup>th</sup> []	
Rem	arks <u>RUN 9 5/8 36# J-55 ST&amp;</u>	C SURFACE	CASING	& CEMENT	
	"				_

### BLM - Vernal Field Office - Notification Form

Oper	ator Bill Barrett Corporation	Rig Nam	e/# <u>CAP</u>	<b>STAR 328</b>		
Subr	nitted By JARED MEJORADO	Phone Nur	nber 281	-846-7727		
	Name/Number FD9-10-3-2					
	Qtr <u>NESE</u> Section 10	Township 3	3.0S F	Range 2.01	<del></del> ,	
	e Serial Number FEE			_		
	Number <u>43047527630000</u>					
			·			
Spuc	<u>l Notice</u> – Spud is the initial	spudding o	of the we	ell, not dri	illina	
	pelow a casing string.			•	3	
	Date/Time		AM 🗌	PM 🗌		
				<del></del>		
<u>Casii</u>	ng – Please report time cas	ing run star	ts, not c	ementing		
time	5.					
	Surface Casing					
	Intermediate Casing			;		
	Production Casing					
	Liner					
	Other					
			,	-		
	Date/Time		AM 🔛	PM		
	<u>.</u>					
BOP	<del></del>				RECEIVED	
$\mathbf{V}$	Initial BOPE test at surface	•			_	
	BOPE test at intermediate	casing poin	t		APR 03 2013	
	30 day BOPE test			עות	OF OIL, GAS & MINI	MQ
	Other			GAT BY	OF OIL, OAS & MINE	HG
	04					
	Date/Time <u>04/19/12013</u>	4:00	AM 🗸	PM		*
_						
Rem	arks <u>TEST B.O.P.</u>					

### BLM - Vernal Field Office - Notification Form

Oper	ator Bill Barrett Corporation	Rig Name	e/# <u>CAP</u> :	STAR 328	
Subr	nitted By JARED MEJORADO				<del></del>
	Name/Number FD9-10-3-2	•			
	Qtr NESE Section 10	Township 3	os R	ange 2 0F	
	e Serial Number FEE			.ugu <u>=.u.</u>	
	Number 43047527630000				<del> </del>
, (1 = 1	10.11.5Cl				
Spuc	Notice – Spud is the initial	spudding o	f the we	II. not dril	lina
_	pelow a casing string.	-p		,	····•3
		. 4.			
	Date/Time		АМ 🔲	РМ 🗌	
<u>Casi</u>	ng – Please report time casi	ng run starl	ts, not ce	ementing	
time			-	_	
	Surface Casing				
П	Intermediate Casing	+		:	
	Production Casing				
	Liner				
	Other				
•	Date/Time <u>04/10/2013</u>	3:00	AM 🗸	PM 🗌	
	· ·		Liferand		
BOP	<b>E</b> *				DECENTER
	Initial BOPE test at surface	casing poir	nt		RECEIVED
	BOPE test at intermediate			9	APR 0 8 2013
	30 day BOPE test	<b>J</b> .		N/V	ne nu ou
П	Other			Uiγ.	OF OIL. GAS & MINING
L3					
	Date/Time		AM $\square$	PM 🗌	N.
Rem	arks PRODUCTION CASING	AND CEMEN	IT		
					_

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FD 9-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43047527630000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NESE Section: 1	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Meri	dian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
7	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
3/26/2013	CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:
In accordance Rule649-3-22, con thissundry to rece andWasatch formation across all formation similar and BBC considered to be free interval is required from production lo	COMPLETED OPERATIONS. Clearly shows the with Utah Division of Oil, inpletion into two or more populated commingling approvations. Oil and associated gates on the pressure profile and does not anticipate any croom one pool. In the event the things and allocate on a percent of the presentance of the common of t	Gas, and Mining's ools, BBC is submitting I for the Green River as composition is similar cross the formations is ss flow. Production is nat allocation by zone or ative sampling obtained ntage basis by zone or	Approved by the Utah Division of Oil, Gas and Mining  Date: April 15, 2013  By: Datk Quit
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUM</b> 303 312-8115	BER TITLE Permit Analyst	
SIGNATURE N/A		DATE 3/26/2013	



May 24, 2012

Utah Division of Oil, Gas and Mining Attention: Dustin Doucet 1594 West North Temple, Suite 1120 Salt Lake City, Utah

RE: Commingling Application Fort Duchesne Area FD 9-10-3-2 NESE Section 10, T3S-R2E Duchesne County,UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchesne Prospect. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed application.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Thomas J. Abell

Landman

Enclosures



#### AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Prospect:

FD 9-10-3-2 NESE Section 10 T3S-R2E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessees

EnCana Oil & Gas (USA) Inc. Forest Oil Corporation

Date: May 24, 2012

Affiant:

Thomas J. Abell

Landman



May 24, 2012

EnCana Oil & Gas (USA), Inc. Attn: Judy Tatham 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202

RE: Commingling Application FD 9-10-3-2 Duchesne County, UT

Dear Ms. Tatham,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

Jenus Spurgraches

Thomas J. Abell

Landman

Enclosures



May 24, 2012

Forest Oil Corporation Attn: Ken Mcphee 707 17th St # 3600 Denver, CO 80202

RE: Commingling Application FD 9-10-3-2

Duchesne County, UT

Dear Mr. Mcphee,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

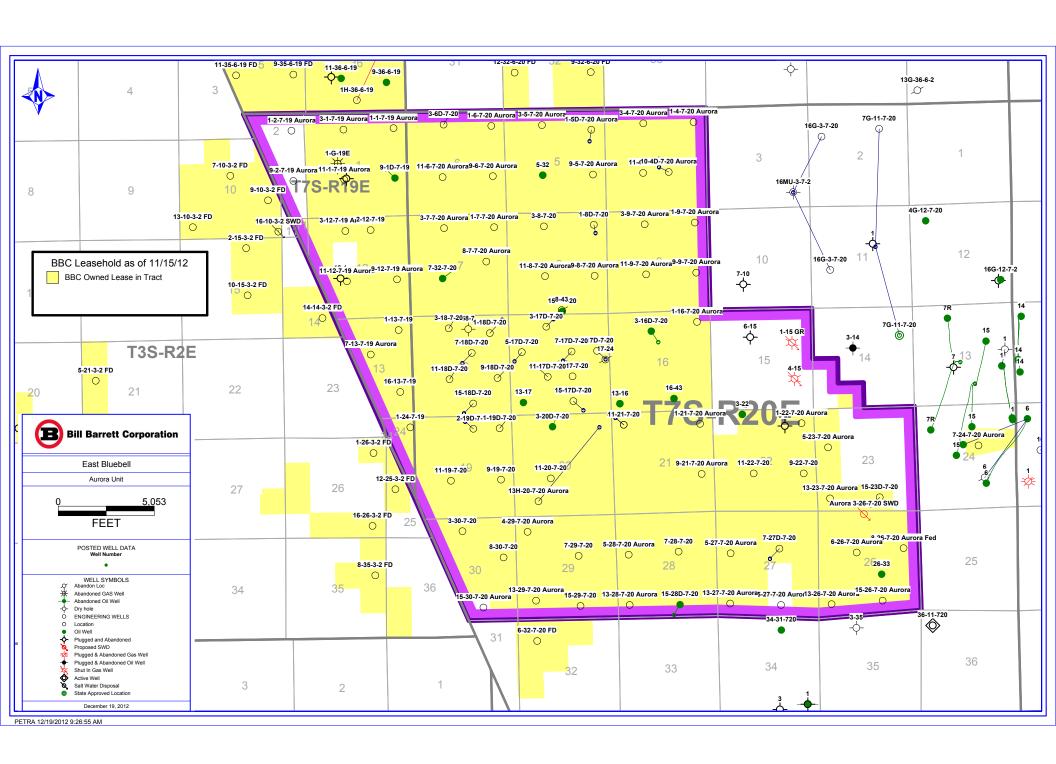
Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Venessa Spingmaches
Thomas J. Abell

Landman

Enclosures



	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significant reenter plugged wells, or to drill hori: n for such proposals.	y deepen existing wells below zontal laterals. Use APPLICATIOI	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FD 9-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43047527630000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 1	HP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Mei	ridian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT     Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
4/30/2013		SI TA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	□ OTHER	OTHER:
	the April 2013 Drilling Act		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 10, 2013
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUM</b> 303 312-8115	IBER TITLE Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 5/3/2013	
L + *// *		0,0,2010	

RECEIVED: May. 03, 2013



PI/UWI	7000000		State/Provinc	1 '	Field Nam		Well Status	Total Depth (ftKB) Primary Job Type	
304752 ime Lo	7630000	l	UT	Uintah	Fort Du	chesne	COMPLETION	8,778.0 Drilling & Completion	
tart Time	Dur (hr)	End Time	Code	Category				Com	
1:00	8.50	19:30	1	RIGUP & TEARDOWN		MOVE R	IG 5.5 MILES TO NEW	LOCATION - SET IN LOADS & RIG UP	
9:30	5.50	01:00	21	OPEN			N FLANGED CONDUCT LINE 'S OFF GAS BUSTI	OR - NIPPLE UP ROTATING HEAD ASSEMBLY - F ER	
1:00	2.00	03:00	20	DIRECTIONAL WORK		P/U & M/	U DIRECTIONAL TOOL	.S	
3:00	3.00	06:00	2	DRILL ACTUAL				FROM 93' T/ XXX' - DRILL OUT 80 STROKES DWN 10 STROKES TO 200'	
-10-3	3-2 FD		013 06 State/Province	:00 - 4/3/2013 0	6:00		TWO II Out of		
	7630000		UT	County Uintah	Fort Du		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion	
ime Lo	9	l .		Į.	<u> </u>				
tart Time	Dur (hr)	End Time		Category		DDII I 4	2.4/4.HOLE E/.050.T/.40	Com	
6:00		14:30	2	DRILL ACTUAL		400DIFF	- 6-9K TORQUE - 1350	21 - 771' @ 90.7' HR - 15-18K 3WT ON BIT - 350- SPP -	
4:30		15:00	7	LUBRICATE RIG		RIG SEF		FAF FOAL ® 404LUD AF 40K OWT ON DIT OF	
5:00		19:00	2	DRILL ACTUAL		400DIFF	- 6-9K TORQUE - 1350		
9:00		20:00	5	COND MUD & CIRC				EPS - CIRC TELL SHAKERS ARE CLEAN	
0:00		21:30	6	TRIPS			F/ 1545 T/ DIRECTIONA		
21:30		23:30	20	DIRECTIONAL WORK			MERS, MWD, & MONEL		
3:30		03:30	12	RUN CASING		BOTTON	/I @ 1530 - SHOE SET (	C CASING W/ 9 CENTRALIZERS TOP @ 121' @ 1540 - FLOAT COLLAR @ 1494'	
3:30		05:00	5	COND MUD & CIRC			ATE WHILE HALLIBURT	FON RIGS UP	
5:00		06:00	12	CEMENT		BEGIN F	PUMPING CEMENT		
9-10-3	3-2 FD	4/3/20	013 06	:00 - 4/4/2013 0	6:00				
PI/UWI	7630000		State/Provinc	ce County Uintah	Field Nam		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion	
ime Lo			UT	Jointan	Fort Du	cnesne	COMPLETION	8,778.0 Dilling & Completion	
tart Time	Dur (hr)	End Time	Code	Category				Com	
06:00	1.00	07:00	12	CEMENT		AHEAD PUMPEI MIX WA 6.31 GAI - 28BBLS	- 40BBLS SUPERFLUSH D 123BBLS LEAD CEME TER - PUMPED 56BBLS _/SX MIX WATER - DRO S CEMENT RETURNS T	SET KO'S TO 600PSI - PUMP 10BBLS WATER H 101 W/ 10PPG - PUMP 10BBLS WATER BEHIND ENT (220SXS) 11# W/ 3.16 YIELD & 19.48 GAL/SX S TAIL CEMENT (240SXS) 14.8# W/ 1.33 YIELD & DP PLUG - PUMP 115BBLS WATER DISPLACEME FO SURFACE - BUMP PLUG @ 480PSI & HELD ELD - R/D HALLIBURTON	
7:00	3.50	10:30	13	WAIT ON CEMENT		WAIT ON CEMENT & TOP OUT WITH 40SXS 15.8PPG CEMENT W/ 1.17 YIELD 5.03 GAL/SX MIX WATER - CEMENT FALL BACK 5'			
0:30	4.50	15:00	21	OPEN			ER & SURFACE CASIN	IG - L/D RISER W/ ROTATING HEAD ASSEMBLY (	
5:00	4.00	19:00	14	NIPPLE UP B.O.P		SET B.C	.P. ON WELLHEAD & N	IIPPLE UP	
9:00	6.00	01:00	15	TEST B.O.P		& BLIND CHECK MANIFO TESTED	RAMS, INSIDE VALVE: VALVE, UPRIGHT GAU LD VALVES ALL FOR 2	LLY VALVES, SAFETY VALVE & DART VALVE, PIF S, HCR, OUTSIDE KILL LINE VALVES, CHOKE LIN GE VALVE , MANIFOLD VALVES & INSIDE 150PSI LOW & 5000 HIGH 10MIN. EACH ANNUL N SUPERCHOKE 500PSI FOR 5 MIN. & CSG	
1:00	0.50	01:30	21	OPEN		INSTALL	. WEAR BUSHING		
1:30	1.50	03:00	20	DIRECTIONAL WORK				M/U SUBS & INSTALL MWD	
3:00		04:30	6	TRIPS		M/U - RE	EAMERS & T.I.H.		
4:30	1.50	06:00	21	OPEN		_	DAT COLLAR @ 1494' 8 W TEST	S SHOE @ 1540 - DRILL CEMENT T/ 1545 - DRILL	
<del>)</del> -10-3	3-2 FD	4/4/20	013 06	:00 - 4/5/2013 0	6:00				
		_	State/Provinc		Field Nam		Well Status	Total Depth (ftKB) Primary Job Type	
PI/UWI		- 10	UT	Uintah	Fort Du	cnesne	COMPLETION	8,778.0 Drilling & Completion	
API/UWI 1304752									
API/UWI 4304752 Fime Log		End Time	Code	Category				Com	

www.peloton.com Page 1/5 Report Printed: 5/2/2013



	g	_						
Start Time	Dur (hr)	End Time	+	Category		DDIII 7	7/0 LIOLE E/ 45551 T/ 2	Com
6:30		12:00	2	DRILL ACTUAL			7/8 HOLE F/ 1555' 1/ 2 1-60 RPM - 6-9 TORQL	2156 601' @ 109' HR W/ 12-15 WT ON BIT - 300-400 UE - 1570SPP
2:00	0.50	12:30	7	LUBRICATE RIG		RIG SER	VICE	
2:30	10.50	23:00	2	DRILL ACTUAL			7/8 HOLE F/ 2156' T/ 3 I-60 RPM - 6-9 TORQL	3516 1360' @ 129' HR W/ 12-15 WT ON BIT - 300-40 UE - 2370SPP
3:00	1.00	00:00	21	OPEN		WORK O	N MUD PUMP	
00:00	6.00	06:00	2	DRILL ACTUAL				4000 484' @ 80' HR W/ 15-20 WT ON BIT - 200-300 UE - 2370SPP - SLIDE 61' FOR 30MIN 3.09%
9-10- <sup>1</sup>	3-2 FD	<u> </u>	  13 06	:00 - 4/6/2013 0	6:00	DIFF - 50	-60 KPW - 6-9 TORQU	UE - 23/03PF - 3LIDE 61 FOR 30WIIN 3.09%
PI/UWI		S	state/Province	ce County	Field Nam		Well Status	Total Depth (ftKB) Primary Job Type
1304752 Гі <b>те Lo</b>	7630000	ľ	JT	Uintah	Fort Du	chesne	COMPLETION	8,778.0 Drilling & Completion
Start Time	Dur (hr)	End Time	Code	Category				Com
06:00	, ,	09:00	2	DRILL ACTUAL			7/8 HOLE F/ 4100' T/ 4 I-60 RPM - 6-9 TORQL	4439 339' @ 113' HR W/ 15-18 WT ON BIT - 300-400
9:00	1.00	10:00	21	OPEN				IG SWAB IN #2 MUD PUMP
10:00		15:00	2	DRILL ACTUAL				4782 343' @ 68.6' HR W/ 18-20 WT ON BIT - 200-300
						DIFF - 50	-60 RPM - 6-9 TORQU	
15:00		15:30	7	LUBRICATE RIG		RIG SER	-	
15:30	14.50	06:00	2	DRILL ACTUAL				5688' 918' @ 63.3' HR W/ 20-22 WT ON BIT - 200-30 UE - 2570SPP - SLIDE 27' FOR 1/2 HR 1.48%
	3-2 FD			:00 - 4/7/2013 0				
api/uwi 4304752	7630000		state/Provinc	County Uintah	Field Name		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
Time Lo	g							, 5
Start Time	Dur (hr)	End Time		Category				Com
06:00		07:00	6	TRIPS				SS OF MWD - MWD WORKING @ 4868
07:00		07:30	5	COND MUD & CIRC				TEST SINGLE SHOT TOOL
07:30	0.50	08:00	10	DEVIATION SURVEY				EGREES - MATCHES LAST MWD SURVEY @ 4811
08:00	1.00	09:00	6	TRIPS		T.I.H. T/ 5	5688	
09:00	0.50	09:30	5	COND MUD & CIRC		CIRCULA	TE B/U	
09:30	0.50	10:00	10	DEVIATION SURVEY		SINGLE	SHOT SURVEY @ 561	14
10:00	4.50	14:30	2	DRILL ACTUAL				5914' 226 ' @ 50' HR W/ 20-22 WT ON BIT - 200-250 UE - 2670SPP - MWD WORKING AGAIN @ 5914'
14:30	0.50	15:00	7	LUBRICATE RIG		SERVICE	RIG	
15:00	10.00	01:00	2	DRILL ACTUAL			7/8 HOLE F/ 5914' T/ 6 -60 RPM - 6-9 TORQL	6348' 434' @ 43' HR W/ 22-24 WT ON BIT - 200-250 UE - 2700SPP
01:00	0.50	01:30	21	OPEN		FLOW CI	HECK / NO FLOW	
01:30	0.50	02:00	5	COND MUD & CIRC		PUMP 2	40BBL HIGH VIS SWE	EEPS CIRCULATE TELL SHAKERS ARE CLEAN
02:00	1.50	03:30	6	TRIPS		T.O.O.H.	T/ 5639 BAD SPOT IN	N DRILL LINE STOP AND SLIP & CUT
03:30	1.00	04:30	9	CUT OFF DRILL LINE			O CUT 225' OF DRILL	
04:30	1.50	06:00	6	TRIPS		PUMP SL		/ NO FLOW - CONT. T.O.O.H. F/ 5639 T/ 3000 - FILI
9-10-	3-2 FD	4/7/20	13 06	:00 - 4/8/2013 0	6:00	1		
API/UWI			state/Provinc	1 '	Field Nam		Well Status	Total Depth (ftKB) Primary Job Type
4304752 Time Lo	7630000		JT	Uintah	Fort Du	cnesne	COMPLETION	8,778.0 Drilling & Completion
Start Time	Dur (hr)	End Time	Code	Category				Com
06:00	, ,	08:30	6	TRIPS		CONT. T.	O.O.H. T/ DIRECTION	
08:30	2.50	11:00	20	DIRECTIONAL WORK		P/U NEW	`	S GETTING TOOL OUT) BREAK BIT & DRAIN M/M - CE SPRINGS ON MWD TOOL AND CHANGE OUT G
11:00	4 50	15:30	6	TRIPS				S T/ 6348 - WASH AND REAM F/ 6150 - 6348
15:30		18:30	2	DRILL ACTUAL				6579' 231' @ 77' HR W/ 14-15 WT ON BIT - 200-300
10.00	3.00	10.30	_	DIVILL ACTUAL			176 HOLE F7 6346 17 6 1-60 RPM - 6-9 TORQU	
18:30	0.50	19:00	10	DEVIATION SURVEY			RELINE SURVEY 1.7 D	
19:00	11.00	06:00	2	DRILL ACTUAL		DRILL 7		7230' 650 @ 59' HR W/ 15-18 WT ON BIT - 200-300



PI/UWI 304752	27630000		State/Provir	County Uintah	Field Name Fort Due		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
ime Lo				1	1. 2 2 4.			1 2,
Start Time	Dur (hr)	End Time		Category		B.E	7/2 1/2/ = 7/=	Com
6:00	5.00	11:00	2	DRILL ACTUAL			7/8 HOLE F/ 7230' 1/ 7 0-60 RPM - 8-10 TORQ	7620' 390' @ 80' HR W/ 15-18 WT ON BIT - 300-400 RUE - 2670SPP
1:00	0.50	11:30	7	LUBRICATE RIG		RIG SER	RVICE	
1:30	1.00	12:30	5	COND MUD & CIRC		CIRCULA	ATE B/U & FLOW CHE	CK
12:30	3.00	15:30	20	DIRECTIONAL WORK	<	Т.О.О.Н.	CATCHING MISSED	SURVEYS TO CONFIRM POSITIONING IN TARGET
15:30	1.00	16:30	20	DIRECTIONAL WORK	<	T.I.H. F/	4800 T/ 7390	
16:30	1.50	18:00	3	REAMING		WASH &	REAM F/ 7390 T/ 7620	0
18:00	12.00	06:00	2	DRILL ACTUAL				8073' 407' @ 33' HR W/ 15-18 WT ON BIT - 200-250 QUE - 2670SPP - SLIDE 117' @ 17' HR - 12.3% SLIDI
	3-2 FD			6:00 - 4/10/201				
API/UWI	27630000		State/Provir UT	County Uintah	Field Name Fort Due		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
Time Lo			UI	Oman	Foit Du	criesrie	COMPLETION	6,776.0 Drilling & Completion
Start Time	Dur (hr)	End Time	e Code	Category				Com
06:00		17:30	2	DRILL ACTUAL			7/8 HOLE F/ 8073' T/ 8 0-60 RPM - 8-10 TORQ	3299' 226' @ 19' HR W/ 18-20 WT ON BIT - 200-250 BUE - 2770SPP -
17:30	0.50	18:00	7	LUBRICATE RIG				
18:00	12.00	06:00	2	DRILL ACTUAL				3520' 221' @ 19 HR W/ 25-30 WT ON BIT - 100-250 QUE - 2770SPP 0' SLIDE
	3-2 FD	4/10/	2013 (	06:00 - 4/11/20	13 06:00			
API/UWI	7620000		State/Provir	1 '	Field Name		Well Status	Total Depth (ftKB) Primary Job Type
4304752 <b>Fime L</b> c	27630000		UT	Uintah	Fort Due	cnesne	COMPLETION	8,778.0 Drilling & Completion
Start Time	Dur (hr)	End Time	e Code	Category				Com
06:00	10.50		2	DRILL ACTUAL		DRILL A	CTUAL F/8520' - T/870	
16:30	0.50	17:00	7	LUBRICATE RIG		RIG SER	RVICE	
17:00	3.00	20:00	2	DRILL ACTUAL		DRILL A	CTUAL F/8706' - T/875	2'
20:00	1.50	21:30	21	OPEN		WORK C	ON PUMP #2	
21:30	1.00	22:30	2	DRILL ACTUAL		DRILL A	CTUAL F/8752' - T/876	8' = TD
22:30	1.00	23:30	5	COND MUD & CIRC		PUMP 2	SWEEPS, CIRCULATE	<b>E</b>
23:30	6.50	06:00	6	TRIPS		SHORT	TRIP	
9-10-	3-2 FD	4/11/	2013 (	06:00 - 4/12/20	13 06:00			
PI/UWI			State/Provir		Field Name		Well Status	Total Depth (ftKB) Primary Job Type
	27630000		UT	Uintah	Fort Du	chesne	COMPLETION	8,778.0 Drilling & Completion
Time Lo Start Time	Dur (hr)	End Time	e Code	Category				Com
06:00		06:30	6	TRIPS		SHORT	TRIP TO 7600'	
06:30	0.50	07:00	6	TRIPS		TIH TO 8	3000'	
7:00	1.00	08:00	6	TRIPS		WORK T	IGHT HOLE F/8000'-87	768'
08:00	1.00	09:00	5	COND MUD & CIRC		CIRCULA	ATE	
09:00	1.50	10:30	6	TRIPS		TOOH TO	O 7500', CHECK FOR I	FLOW/NO FLOW
10:30	0.50	11:00	5	COND MUD & CIRC		PUMP S	LUG	
11:00	3.00	14:00	6	TRIPS		TOOH F	OR LOGS/LDDP	
	1.00	15:00	6	TRIPS		WORK T	IGHT HOLE F/2760' - 1	T/2500'
14:00	0.50	15:30	6	TRIPS		TOOH/LI	DDP	
	0.50	16:00	5	COND MUD & CIRC		PUMP S	LUG	
15:00	0.50	18:00	6	TRIPS		TOOH/LI	DDP	
15:00 15:30	2.00	10.00	_	TRIPS		LAY DO\	WN TOOLS & MM	
15:00 15:30 16:00	2.00	18:30	6	TIKII 3				TO RUN LOGS, BRIDGED AT 2525'
14:00 15:00 15:30 16:00 18:00	2.00 0.50		11	WIRELINE LOGS		R/U HAL	LIBURTON, ATTEMPT	TO RUN LOGS, BRIDGED AT 2525
15:00 15:30 16:00 18:00	2.00 0.50 3.00	18:30		_		1	LIBURTON, ATTEMPT P BIT & BIT SUB/WIPE	•



9-10-3	3-2 FD	4/12/2	2013 0	6:00 -	4/13/2013	06:00				
API/UWI		5	State/Provinc	e C	County	Field Name		Well Status	1	Total Depth (ftKB) Primary Job Type
4304752 Time Lo		Į.	UT	Į.	Jintah	Fort Duc	cnesne	COMPLETION	l	8,778.0 Drilling & Completion
Start Time	Dur (hr)	End Time	Code		Category					Com
06:00	3.00	09:00	6	TRIPS			POOH F	/2900' - T/2500'	TO WORK TI	GHT HOLE
09:00	6.00	15:00	6	TRIPS			TIH TO 8			
15:00	1.00	16:00	6	TRIPS			WASH D	OWN F/8400' -	T/8768'	
16:00	2.00	18:00	5	COND MI	UD & CIRC		PUMP H	IGH VIS SWEER	PS, CIRCULA	TE
18:00	3.50	21:30	6	TRIPS			TOOH TO	O 7500'		
21:30	1.00	22:30	6	TRIPS			FLOW C	HECK, NO FLO	W, PUMP SLU	JG
22:30	1.00	23:30	6	TRIPS			TOOH, V	VELL SWABBIN	G	
23:30	1.50	01:00	5	COND MI	UD & CIRC		CIRCULA	ATE, PUMP DR'	Y JOB	
01:00	5.00	06:00	6	TRIPS			TOOH F	OR LOGS		
9-10-3	3-2 FD	4/13/2	2013 0	6:00 -	4/14/2013	06:00				
API/UWI 4304752	7630000		State/Provinc		County Jintah	Field Name		Well Status COMPLETION	I	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
Time Lo	g	ı				1				, ,
Start Time	Dur (hr)	End Time			Category				_	Com
06:00		07:30	6	TRIPS				OOH FOR LOG		
07:30		11:30	11	WIRELIN	E LOGS				GING, LOGS	BRIDGED AT 2830', RIG DOWN LOGGERS
11:30		15:00	6	TRIPS			TIH TO 2			
15:00		16:00	5		UD & CIRC			IGH VIS SWEEI	P, CIRCULATI	E
16:00	0.50		6	TRIPS			TOOH TO			
16:30		17:00	5		UD & CIRC		PUMP SI			
17:00		18:00	6	TRIPS			TOOH/LI			
18:00		20:00	8	REPAIR F	RIG			DRAWWORKS	CHAIN	
20:00		22:30	6	TRIPS	OULO O OFMENT		TOOH	JT0 07001 5 5	17" D 110 I T	
22:30	7.50	06:00	12	RUN CAS	SING & CEMENT		CENTRA		17# P-110 LT	&C PROD. CSG. W/3 MARKERS JTS, AND 60
	3-2 FD	4/14/2	2013 0	6:00 -	4/15/2013	06:00				
API/UWI 4304752	7630000		State/Provinc UT	I	County Jintah	Field Name		Well Status COMPLETION	I	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
Time Lo	g			•				•		
Start Time	Dur (hr)	End Time		DUNGAG	Category SING & CEMENT		DUN 400	ITO 07001 5 511	47" D 440 00	Com SG. W/3 MARKERS & 60 CENTRALIZERS
06:00 09:00		09:00 09:30	12		SING & CEMENT			ASING FROM 8		3G. W/3 WARNERS & 60 CENTRALIZERS
09:30		10:00	12		SING & CEMENT					OUT CASNG SPEAR
10:00		11:30	12		SING & CEMENT			ASING FROM 8		OUT CASING SPEAR
11:30		12:30	5		UD & CIRC			ATE, RIG UP HA		
12:30		16:00	12	1	SING & CEMENT			*		BLS WATER SPACER - 40BBLS SUPERFLUSH
							- 5BBLS 2.32 YIE TAIL CEI 200BBLS PRESSU	WATER SPACE LD W/ 10.61GAI MENT W/ 1.43 \ B FRESH WATE IRE TO 2860 FC	ER - PUMP 16 L SK MIX WA /IELD W/ 6.65 R DISPLACEI DR 5 MIN. FLC	S5BBLS (400SKS) 11PPG LEAD CEMENT W/ ATER - PUMP 216.5BBLS (850SKS) 13.5PPG 5 GAL SK MIX WATER - DROP PLUG & PUMP MENT - LAND PLUG 2350PSI TOOH DATS HELD WITH 2 BBLS BACK TO TRUCK.
16:00		20:00	1		TEARDOWN			E @ 2000 HRS.		DF 160K @ 190K, CLEAN MUD TANKS, RIG
9-10-3	3-2 FD				4/18/2013	06:00 Field Name		IMAII Chahua		Tratal Donath (MICD)
4304752			State/Provinc UT		county Jintah	Fort Duc		Well Status COMPLETION	I	Total Depth (ftKB) Primary Job Type 8,778.0 Drilling & Completion
Time Lo										
Start Time 06:00	Dur (hr)	End Time 08:00	LOCL	Lock Woll	Category Ihead & Secure		\\\\C  \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Socured Const	ruction Crow V	Com Working On Facilities.
08:00		10:30	IWHD	Install We			Safety M Both Side 11" x 7 1	eeting With Can es.N/D 11" Nigh /16" 5k Tbg. Hea	neron, Check S at Cap, Cleane ad With 2 1/16	Surface Casing & 5.5" For Pressure, 0 Psi Oned And Dressed Up 5.5" Csg Top, Set And N/U S' x 5k Gate Valves. Tested Hanger Seals Toead With 7" 5K Night Cap.
10:30	19.50	06:00	LOCL	Lock Well	lhead & Secure		WSI And	Secured. Const	ruction Crew \	Working On Facilities.



0-10-2-2 ED	4/19/2012 06:00	- 4/19/2013 06:00
19-10-3-2 FD	4/18/2013 06:00	- 4/19/ZU13 Ub:UU

API/UWI		S	tate/Province		County	Field Name		Well Status	Total Depth (ftKB)		Primary Job Type
43047527630000		L	UT		Uintah	Fort Duchesne		COMPLETION	8,778.0 Drilling & Comple		Drilling & Completion
Time Log											
Start Time Dur (hr) End Time Code				Category		Com					

	J				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured With NightCap. HES Logging Crew Arrive On Location, Hold Safety Meeting, Prep Logging Tool.
07:00	10.50	17:30	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 8,628', Drilling Report Shows FC At 8,677', 49' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 8,628', Run Repeat Section From 8,628 - 8,400', Log Up Hole. Showed Good Bond From TD To 8,628', 1,042. TOC 1,042'. Found Short Joints At 7,581 - 7,603', 6,858 - 6,878', And 5,308 - 5,330'. Ran With Pressure. Pooh, RD Equipment, MOL.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.

www.peloton.com Page 5/5 Report Printed: 5/2/2013

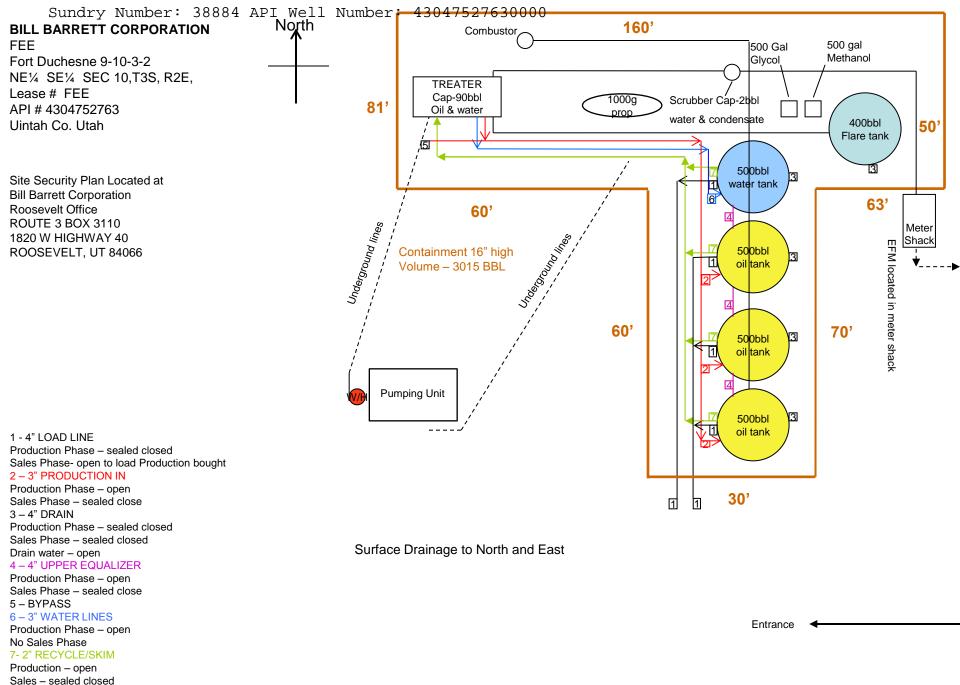
	STATE OF UTAH			FORM 9
1	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND N		i	5.LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDR	RY NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.			7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: FD 9-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43047527630000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 1	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Me	eridian: l	J	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  ✓ PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly showell had first production	C C C C C C C C C C C C C C C C C C C	rtinent details including dates, d	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  APD EXTENSION  OTHER:  Clepths, Volumes, etc.  Accepted by the Utah Division of Oil, Gas and Mining  FOR RECORD ONLY  May 13, 2013
NAME (PLEASE PRINT)	PHONE NU	MBER	TITLE	
Brady Riley SIGNATURE	303 312-8115		Permit Analyst  DATE	
N/A			5/13/2013	

RECEIVED: May. 13, 2013

					_
	STATE OF UTAH			FORM	9
ı	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND N			5.LEASE DESIGNATION AND SERIAL NUMBER	R:
SUNDR	Y NOTICES AND REPORT	SON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	_
	posals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.			7.UNIT or CA AGREEMENT NAME:	_
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: FD 9-10-3-2	_
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43047527630000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Me	eridian: L	J	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		LTER CASING	CASING REPAIR	Τ
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME	
Approximate date work will start.	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	F	RACTURE TREAT	NEW CONSTRUCTION	
5/18/2013	OPERATOR CHANGE	P	LUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	□ R	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	IDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	Пу	ENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF		I TA STATUS EXTENSION	APD EXTENSION	
Report Bate.				OTHER: first oil sales	
	WILDCAT WELL DETERMINATION		THER		_
l .	COMPLETED OPERATIONS. Clearly sho			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 30, 2013	
NAME (PLEASE PRINT)	PHONE NU	IMBER	TITLE		_
Brady Riley	303 312-8115		Permit Analyst		
SIGNATURE N/A			<b>DATE</b> 5/20/2013		

RECEIVED: May. 20, 2013

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: Fee
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FD 9-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43047527630000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Meri	dian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
6/6/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
·	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: SSD
l .	COMPLETED OPERATIONS. Clearly show E FIND THE SITE FACILITY DI		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMI 303 312-8115	BER TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		6/10/2013	



- PRV. RUPTURE DISC & FLARE LINES- tie in to flare tank

for emergency pressure relief of treater

			DEPAR	_	TATE (	_		URCES	S				(hi	ENDED ghlight c	hanges	s)		ORM 8
			OIVISI	ON O	F OIL,	GAS	AND I	MININ	G					EASE DES	IGNATIO	N AND :	SERIAL NUM	IBER:
WEL	L COI	MPLET	ION	OR F	RECO	MPL	ETIC	ON R	EPOF	RT ANI	D LOG	ì	6. IF	FINDIAN, A	ALLOTTE	E OR TI	RIBE NAME	
1a. TYPE OF WELL	:	OI W	L ELL <b>Z</b>	] ;	GAS C		DRY		OTH	IER			7. U	NIT or CA	AGREEM	ENT NA	ME	
b. TYPE OF WORK NEW WELL	K: HORIZ. [ LATS. [	DE EN	EP-	]	RE- ENTRY		DIFF. RESVR.		OTH	IER				FD 9-1		MBER:		
2. NAME OF OPERA Bill Barrett		ration												PI NUMBE				
3. ADDRESS OF OF	PERATOR:										NUMBER:		10 F	IELD AND	POOL, O		CAT	
1099 18th S 4. LOCATION OF W			ITY De	nver		STATE	CO	ZIP <b>80</b> 2	202	(30	)3) 293-	9100		WILDO		I TOW	JOHID DAN	25
AT SURFACE:			FEL											MERIDIAN ESE	10		2E	U
AT TOP PRODU	CING INTE	RVAL REPOR	RTED BEL	_ow: 1	926 F	SL 60	9 FEL								. •			
AT TOTAL DEPT	н: 189	1 FSL 6	29 FE	L										COUNTY Jintah			13. STATE	UTAH
14. DATE SPUDDEI 3/21/2013	D:	15. DATE T 4/10/2		HED:	16. DATE	3/2013		,	ABANDON	ED	READY TO	PRODUC	E 🗸		ATIONS		B, RT, GL):	
18. TOTAL DEPTH:	MD 8			9. PLUG	BACK T.D				20. IF	MULTIPLE C	OMPLETION	IS, HOW	MANY? *	21. DEP	TH BRIDG	E MI	)	
	TVD 8	,775				TVD	8,675							PL	JG SET:	T۱	'D	
TRIPLE CO						y of each	i)			WAS DST	L CORED? RUN? DNAL SURVE	EY?	NO NO NO	<b>✓</b>	ES C	(Su	omit analysis omit report) omit copy)	)
24. CASING AND L	INER RECO	ORD (Report	all strings	s set in w	ell)													
HOLE SIZE	SIZE/G	GRADE	WEIGHT	(#/ft.)	TOP (	MD)	вотто	DM (MD)		CEMENTER EPTH	CEMENT NO. OF S		SLU! VOLUM		CEMEN	T TOP *	* AMOUN	IT PULLED
26	16	Con	65	#	C	)	8	80		80	grout					0		
12 1/4	9 5/8	J-55	36	#	0	)	1,5	545	1,	,540	220			23		0		
7 7/8	F 4/0	D44A	17	#	C		0.7	778	0	768	240			6 65			_	
7 7/6	5 1/2	P11 <b>⊕</b>	17:	#	0		0,7	70	0,	700	400 850			17				
25. TUBING RECOR			1					<del></del>		<u> </u>				-				
2 7/8		H SET (MD) 5,483	PACK	ER SET (	MD)	SIZE		DEPTH	SET (MD	) PACKE	R SET (MD)	╂	SIZE	DI	EPTH SE	Γ (MD)	PACKER	SET (MD)
26. PRODUCING IN	-	7,400								27 PERFO	RATION RE	CORD					ļ	
FORMATION		TOP	(MD)	BOTTO	OM (MD)	TOP	(TVD)	вотто	M (TVD)		AL (Top/Bot -		SIZE	NO. HOL	ES	PERFO	RATION ST	ATUS
(A) Green Riv			60		460				,	6,560		,460	.38	294	_	n 🗸	Squeezed	
(B) Wasatch			182	<u> </u>	569					8,482	8	,569	.38	24	Оре	n 🗸	Squeezed	
(C)															Оре	n 🔲	Squeezed	
(D)												Î			Оре	n 🔲	Squeezed	
28. ACID, FRACTUI	RE, TREAT	MENT, CEME	NT SQUE	EEZE, ET	C.													
DEPTH	INTERVAL								AM	OUNT AND T	TYPE OF MA	TERIAL						
6560 to 846	0		Gree	en Riv	er: Se	e Atta	ched S	Stages	s 1-7									
8482 to 8569	9		Was	atch:	See At	tache	d Stag	ge 1										
29. ENCLOSED AT							_					_	<b>7</b> 1			30. WE	LL STATUS	<b>:</b>
=		CHANICAL LC		CEMENT	VERIFIC <i>A</i>	TION	$\equiv$	GEOLOG CORE AN	IC REPOR IALYSIS		DST REPOR	₹Τ 🔽	DIREC	TIONAL S	URVEY		POV	V

(CONTINUED ON BACK)

#### 31. INITIAL PRODUCTION

#### INTERVAL A (As shown in item #26)

DATE FIRST PRI 5/13/2013		TEST DATE: 5/16/2013	3	HOURS TESTE	D: <b>24</b>	TEST PRODUCTION RATES: →	OIL – BBL: <b>454</b>	GAS – MCF: 426	WATER – BBL: 82	PROD. METHOD: Flowing
CHOKE SIZE: <b>25/64</b>	TBG. PRESS. 320	CSG. PRESS. 1,450	API GRAVITY 52.00	BTU – GAS 1	GAS/OIL RATIO 938	24 HR PRODUCTION RATES: →	OIL – BBL: <b>454</b>	GAS – MCF: 426	WATER – BBL: 82	INTERVAL STATUS
				INT	ERVAL B (As show	wn in item #26)	-			
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	INTERVAL STATUS:
		•		INT	ERVAL C (As show	vn in item #26)				•
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	INTERVAL STATUS
		•		INT	ERVAL D (As show	vn in item #26)				•
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	HOKE SIZE: TBG. PRESS. CSC		G. PRESS. API GRAVITY		BTU – GAS GAS/OIL RATIO		OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS

sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

	_	_			
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Mahogany Douglas Creek Black Shale Castle Peak Uteland Butte Wasatch TD	4,422 5,633 6,901 7,607 7,685 7,972 8,482 8,778

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First oil sales 5/17/2013; First gas sales 5/11/2013.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
NAME (PLEASE PRINT) Brady Riley	TITLE	Permit Analyst					
SIGNATURE electronic submission	DATE	5/28/2013					

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Utah Division of Oil, Gas and Mining Send to:

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: May. 28, 2013

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.

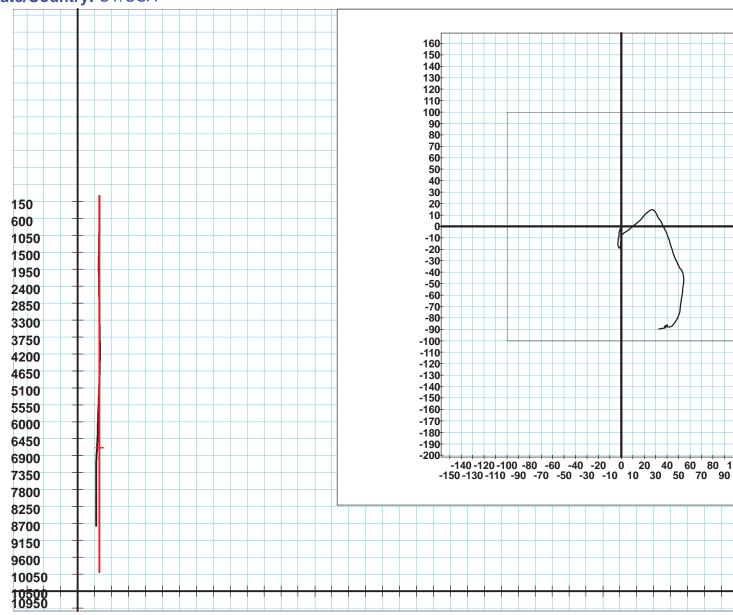
<sup>\*\*</sup> ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

API Well Number: 43047527630000

Job Number: UT13204
Company: Bill Barrett Corp.
Lease/Well: FD 9-10-3-2
Location: Section 10 T3S R2E
Rig Name: Capstar 328
State/Country: UT/USA

**Declination: 10.98 Grid:** True





-1927<del>,</del>5027<del>,</del>527.5772.51672.**2**572.5472.**8**372.5272.**5**172.**5**072.**5**972.**8**872.**9**772.**5**0672**15**572**12**472**15**372**18**272**15**172**15**07 



Job Number: UT13204 Company: Bill Barrett Corp. Lease/Well: FD 9-10-3-2

Location: Section 10 T3S R2E

Rig Name: Capstar 328

RKB:

G.L. or M.S.L.:

State/Country: UT/USA

Declination: 10.98

Grid: True

File name: C:\WINSERVE\UT13204.SVY

Date/Time: 11-Apr-13 / 12:14

**Curve Name: As Drilled** 

#### Payzone Directional "

#### WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

	Measured	Incl	Drift	True			Vertical	CLO	SURE	Dogleg	
	Depth	Angle	Direction	Vertical	N-S	E-W	Section	Distance	Direction	Severity	
	FT	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100	
_											
	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
	115.00	.18	230.18	115.00	12	14	12	.18	230.18	.16	
	202.00	.13	127.50	202.00	26	17	26	.31	212.14	.28	
	294.00	.18	168.30	294.00	47	05	47	.47	186.49	.13	
	386.00	.35	217.60	386.00	83	20	83	.86	193.21	.29	
	477.00	.44	207.20	477.00	-1.36	52	-1.36	1.46	201.05	.13	
	569.00	.53	208.12	568.99	-2.05	89	-2.05	2.24	203.36	.10	
	676.00	.40	201.50	675.99	-2.84	-1.26	-2.84	3.10	203.90	.13	
	766.00	.82	188.10	765.98	-3.77	-1.46	-3.77	4.04	201.22	.49	
	857.00	.83	205.13	856.97	-5.01	-1.83	-5.01	5.33	200.12	.27	
	947.00	.66	173.90	946.97	-6.11	-2.06	-6.11	6.45	198.59	.48	
	1038.00	.57	187.60	1037.96	-7.08	-2.06	-7.08	7.38	196.22	.19	
	1126.00	.88	175.40	1125.96	-8.19	-2.06	-8.19	8.45	194.14	.39	
	1219.00	.75	194.40	1218.95	-9.49	-2.16	-9.49	9.73	192.81	.32	
	1310.00	.75	193.10	1309.94	-10.65	-2.44	-10.65	10.93	192.91	.02	
	1400.00	.70	191.73	1399.93	-11.76	-2.69	-11.76	12.06	192.87	.06	
	1466.00	.70	191.73	1465.93	-11.76	-2.69 -2.72	-11.76	12.06	192.87	.36	
	1551.00	1.05	189.80	1550.92	-12.55	-2.72 -2.78	-12.53 -13.78	14.06	192.22	.55	
	1642.00	1.03	181.20	1641.90	-15.76	-2.76 -2.94	-15.76 -15.61	15.89	190.67	.31	
	1732.00	1.70	156.00	1731.87	-15.61	-2.94 -2.42	-15.61	17.99	187.73	.86	
	1732.00	1.70	130.00	1731.07	-17.03	-2.42	-17.03	17.99	107.73	.00	
	1823.00	.48	57.40	1822.85	-18.86	-1.55	-18.86	18.92	184.70	2.02	
	1913.00	1.36	20.60	1912.84	-17.66	86	-17.66	17.68	182.78	1.13	
	2004.00	1.00	351.60	2003.82	-15.86	59	-15.86	15.87	182.14	.75	
	2094.00	1.45	7.90	2093.80	-13.95	55	-13.95	13.97	182.26	.63	
	2185.00	.80	10.80	2184.79	-12.19	27	-12.19	12.19	181.29	.72	

RECEIVED: May. 28, 2013

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
2276.00	.90	9.10	2275.78	-10.86	04	-10.86	10.86	180.22	.11
2366.00	.44	344.00	2365.77	-9.83	02	-9.83	9.83	180.15	.59
2457.00	.60	.52	2456.77	-9.02	12	-9.02	9.02	180.74	.24
2548.00	.31	285.40	2547.76	-8.48	35	-8.48	8.48	182.36	.66
2638.00	1.50	47.90	2637.75	-7.62	.29	-7.62	7.63	177.83	1.87
2729.00	1.30	54.30	2728.73	-6.22	2.01	-6.22	6.54	162.08	.28
2819.00	.92	44.10	2818.71	-5.11	3.34	-5.11	6.10	146.79	.47
2910.00	.88	65.03	2909.70	-4.29	4.49	-4.29	6.20	133.70	.36
3000.00	.77	64.69	2999.69	-3.74	5.66	-3.74	6.78	123.44	.12
3091.00	1.57	46.41	3090.67	-2.62	7.11	-2.62	7.58	110.19	.96
3181.00 3272.00 3363.00 3453.00 3544.00	1.14 1.45 1.18 1.27 1.14	45.78 47.54 53.99 49.92 56.51	3180.64 3271.62 3362.60 3452.58 3543.56	-1.14 .27 1.60 2.78 3.93	8.65 10.15 11.75 13.27 14.79	-1.14 .27 1.60 2.78 3.93	8.72 10.15 11.86 13.56 15.31	97.52 88.49 82.27 78.15 75.12	.48 .34 .34 .14
3634.00	2.33	42.05	3633.51	5.78	16.77	5.78	17.74	70.97	1.40
3725.00	2.02	39.37	3724.45	8.40	19.02	8.40	20.79	66.18	.36
3815.00	1.80	47.06	3814.40	10.59	21.06	10.59	23.57	63.32	.37
3908.00	1.46	40.59	3907.36	12.48	22.90	12.48	26.08	61.41	.42
3997.00	1.41	59.58	3996.33	13.90	24.59	13.90	28.24	60.52	.53
4087.00 4178.00 4269.00 4359.00 4450.00	.90 1.00 1.10 1.58 .40	76.40 112.50 138.30 148.00 149.40	4086.32 4177.30 4268.29 4358.26 4449.25	14.62 14.49 13.53 11.83 10.50	26.23 27.66 28.97 30.20 31.03	14.62 14.49 13.53 11.83 10.50	30.03 31.22 31.97 32.44 32.76	60.86 62.35 64.96 68.60 71.31	.67 .66 .53 .59
4540.00	1.89	163.90	4539.23	8.80	31.60	8.80	32.80	74.44	1.67
4630.00	1.80	132.40	4629.18	6.42	33.06	6.42	33.67	79.01	1.12
4721.00	2.20	154.90	4720.13	3.88	34.85	3.88	35.07	83.65	.96
4803.00	3.00	157.90	4802.04	.46	36.33	.46	36.33	89.27	.99
4893.00	1.00	134.50	4891.99	-2.27	37.77	-2.27	37.84	93.44	2.36
4983.00 5075.00 5166.00 5257.00 5347.00	1.58 1.80 1.70 2.20 2.50	159.90 157.20 158.20 159.40 168.70	4981.96 5073.92 5164.88 5255.83 5345.75	-3.99 -6.51 -9.08 -11.97 -15.51	38.76 39.76 40.81 41.93 42.92	-3.99 -6.51 -9.08 -11.97 -15.51	38.96 40.29 41.81 43.60 45.64	95.87 99.30 102.54 105.93 109.87	.89 .25 .11 .55
5438.00 5528.00 5619.00 5709.00 5800.00	2.86 2.40 2.70 2.20 2.19	159.30 165.50 157.70 151.10 155.80	5436.65 5526.56 5617.47 5707.39 5798.32	-19.58 -23.50 -27.33 -30.81 -33.92	44.11 45.38 46.67 48.31 49.86	-19.58 -23.50 -27.33 -30.81 -33.92	48.26 51.10 54.08 57.29 60.31	113.94 117.38 120.36 122.53 124.23	.62 .60 .50 .64
5891.00	1.49	144.80	5889.27	-36.47	51.26	-36.47	62.91	125.43	.86
5981.00	1.49	135.00	5979.24	-38.26	52.76	-38.26	65.17	125.95	.28
6072.00	1.90	172.80	6070.21	-40.59	53.78	-40.59	67.38	127.04	1.28
6161.00	1.58	171.10	6159.16	-43.27	54.16	-43.27	69.32	128.62	.36
6252.00	1.49	176.90	6250.13	-45.69	54.42	-45.69	71.05	130.02	.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLO Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
6343.00	1.70	183.20	6341.10	-48.22	54.41	-48.22	72.70	131.55	.30
6433.00	1.85	187.80	6431.05	-50.99	54.13	-50.99	74.37	133.29	.23
6523.00 6614.00	2.29 2.90	184.90 187.50	6520.99 6611.90	-54.22 -58.31	53.78 53.33	-54.22 -58.31	76.37 79.02	135.23 137.56	.50 .68
6704.00	3.30	187.50	6701.77	-56.51 -63.14	53.33 52.69	-56.31 -63.14	79.02 82.23	140.16	.00 .44
6704.00	3.30	107.00	0/01.//	-03.14	52.09	-03.14	02.23	140.10	.44
6795.00	3.70	188.90	6792.60	-68.64	51.89	-68.64	86.04	142.91	.45
6885.00	4.00	185.90	6882.40	-74.63	51.12	-74.63	90.45	145.59	.40
6976.00	3.50	212.20	6973.21	-80.13	49.31	-80.13	94.09	148.39	1.95
7066.00	2.81	214.80	7063.07	-84.27	46.59	-84.27	96.29	151.07	.78
7157.00	1.45	224.40	7154.01	-86.93	44.51	-86.93	97.66	152.89	1.54
7202.00	1.58	240.20	7198.99	-87.64	43.57	-87.64	97.87	153.57	.97
7293.00	1.70	284.50	7289.96	-87.93	41.18	-87.93	97.09	154.91	1.36
7381.00	.79	294.00	7377.93	-87.35	39.36	-87.35	95.81	155.75	1.06
7429.00	.50	292.50	7425.93	-87.14	38.86	-87.14	95.41	155.96	.61
7474.00	.18	268.10	7470.93	-87.06	38.61	-87.06	95.24	156.08	.76
7519.00	.13	181.40	7515.93	-87.12	38.54	-87.12	95.26	156.14	.48
7649.00	.57	234.53	7645.93	-87.64	38.01	-87.64	95.53	156.56	.39
7740.00	.31	7.56	7736.93	-87.66	37.67	-87.66	95.41	156.74	.89
7835.00	.53	74.31	7831.92	-87.29	38.13	-87.29	95.25	156.40	.52
7926.00	1.10	52.75	7922.91	-86.64	39.23	-86.64	95.11	155.64	.70
8018.00	.48	81.90	8014.91	-86.05	40.31	-86.05	95.03	154.90	.78
8108.00	.26	229.00	8104.91	-86.14	40.53	-86.14	95.03	154.90	.76 .79
8200.00	.20 .44	228.60	8196.90	-86.51	40.33	-86.51	95.20	155.12	.20
8291.00	.40	225.70	8287.90	-86.96	39.62	-86.96	95.56	155.51	.05
8381.00	.48	203.94	8377.90	-87.52	39.24	-87.52	95.92	155.85	.20
0301.00	.40	200.94	0577.50	-07.52	33.24	-07.52	33.32	100.00	.20
8471.00	.75	228.80	8467.89	-88.26	38.65	-88.26	96.35	156.35	.42
8561.00	1.10	261.30	8557.88	-88.77	37.35	-88.77	96.31	157.18	.69
8652.00	1.30	257.70	8648.86	-89.13	35.48	-89.13	95.93	158.29	.23
8713.00	1.49	255.40	8709.84	-89.47	34.03	-89.47	95.73	159.17	.32
Projected	to TD								
8768.00	1.49	255.40	8764.83	-89.83	32.65	-89.83	95.58	160.03	.00

FD 9-10-3-2 Completion Report Continued\*

	44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)									
	AMOUNT AND TYPE OF MATERIAL									
Stage	bbls Fluid	gals 100 Mesh Sand	Gals 15 % HCL	gals 20/40 PREM WHITE						
1	2655	8680	3902	149820						
2	2659	8340	4064	150460						
3	2631	8860	3820	147240						
4	2642	8730	3982	149970						
5	2595	7960	3881	137640						
6	2776	8920	3943	150380						
7	2654	9810	3751	154570						

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

	FORM 9				
	5.LEASE DESIGNATION AND SERIAL NUMBER: Fee				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 9-10-3-2				
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43047527630000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		ONE NUMBER: 312-8134 Ext	9. FIELD and POOL or WILDCAT: MOFFAT CANAL		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0663 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 0 Township: 03.0S Range: 02.0E Meridian:	U	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
✓ SUBSEQUENT REPORT					
Date of Work Completion: 5/26/2016	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION		
3,23,23.3	☐ OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK		
SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	COMPLETED OPERATIONS. Clearly show all povents of the complete		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 31, 2016		
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst			
SIGNATURE		DATE			
N/A		5/31/2016			

RECEIVED: May. 31, 2016